

Panaji, 23rd December, 2021 (Pausa 02, 1943)

SERIES I No. 39

OFFICIAL GAZETTE

GOVERNMENT OF GOA

PUBLISHED BY AUTHORITY

EXTRAORDINARY

GOVERNMENT OF GOA

Department of Environment & Climate
Change

Notification

31-9-2010-STE-DIR/Part-I/Vol.IV/976

In exercise of the powers conferred by sub-sections (1) and (2) of section 54 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974), and in consultation with the Goa State Pollution Control Board, conveyed vide No. 8/25/13-PCB/Vol X/Adm./19634/Tech/7864 dated 29-07-2021, the Government of Goa hereby makes the following rules, namely:—

1. *Short title and commencement.*— (1) These rules may be called the Goa Water (Prevention and Control of Pollution) Rules, 2021.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. *Definitions.*— (1) In these rules, unless the context otherwise requires,—

(a) "Act" means the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(b) "Water pollutant" means any solid, liquid or gaseous substance [(including noise)] present in the atmosphere in such concentration as may be or tend to be

injurious to human beings or other living creatures or plants or property or environment;

(c) "Board" means the Goa State Pollution Control Board constituted under section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(d) "Chairman" means the Chairman of the Board;

(e) "Chimney" includes any structure with an opening or outlet from or through which any water pollutant may be emitted.

(f) "Conformity" means fulfillment of a requirement to the Consent conditions or directions issued by the Board from time to time;

(g) "Consequence" means an outcome of an event affecting objectives;

(h) "Control Equipments" means any apparatus, device, equipment or system to control the quality and manner of emission of any water pollutant, and includes any device used for securing the efficient operation of any industrial plant;

(i) "Correction" means action to eliminate a detected nonconformity;

(j) "CPCB" means Central Pollution Control Board constituted under section 3 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(k) "CTE" means Consent to Establish;

(l) "CTO" means Consent to Operate;

(m) "Effluent" includes any liquid, gaseous or solid substance which is discharged from any organization/ premises used for carrying on any activity, Industry, operation or process, or treatment and disposal system including domestic sewage;

(n) "Emission" means any solid or liquid or gaseous substance coming out of any chimney, duct or flue or any other outlet;

(o) "Environment" means the surroundings in which an organization operates, including water, water, land, natural resources, flora, fauna, humans and their interrelationships.

(p) "Environmental Audit" mean an audit conducted by an Empanelled Environmental Auditor of the State Board or officials of the State Board;

(q) "Environmental Audit Committee" (EAC) means an Expert Committee constituted by State Board to assess the Environmental Audit reports submitted by the Environmental Auditors and recommend action;

(r) "Environmental Audit Conclusion" means outcome of an audit, after consideration of the objectives and all audit findings;

(s) "Environmental Audit Criteria" means the set of policies, procedures, supporting records or requirements which are used as a reference against which audit evidence is compared;

(t) "Environmental Audit Evidence" means consists records, statements of fact, reports or other information which are relevant to the audit criteria and are verifiable;

(u) "Environmental Audit Findings" means results of the evaluation of the collected audit evidence against audit criteria, indicating conformity or nonconformity and additionally observations and scope for improvement;

(v) "Environmental Audit Plan" means description of the activities and arrangements for an audit;

(w) "Environmental Audit protocol" means the checklist used by Empanelled Auditors of the Board as the guide for conducting the Environmental audit;

(x) "Environmental Audit Scope" means extent and boundaries of an audit;

(y) "Environmental Audit Team" means an Audit team which shall consist of minimum 3 members with an independent Technical/Scientific Expert, if felt required. The qualifications of the team members should be varied to ensure a wider cover having requisite technical and scientific expertise relevant to the Organizations processes and related activities. The composition of the Audit Team shall be as specified in Schedule II;

(z) "Environmental Auditee" means the Organization/Industry and its work force (consisting of employees and contractual or related workers), represented by an authorized full time employee of the organization being audited, no lesser than a representative of senior management;

(aa) "Environmental Auditor" shall mean Goa State Pollution Control Board (GSPCB) empanelled Environmental Auditor from Engineering colleges/Scientific Institutions/ Colleges, Universities, ISO Certified Agencies, Officials of the State Board or any other expert the Board deems fit for conducting an Environmental Audit;

(ab) "Environmental Audit Report" shall mean the Environmental Audit report prepared by the Empanelled Environmental Auditor of the State Board or the Officials of the State Board;

(ac) "Event" means an occurrence or change of a particular set of circumstances with or without consequences and can sometimes be referred to as an "incident" or "accident". An event without consequences can also be referred to as a

"near miss", "incident", "near hit" or "close call";

(ad) "Form" means form appended to these Rules;

(ae) "Government" means the Government of Goa;

(af) "Likelihood" means chance of something happening;

(ag) "Member Secretary" means the Member- Secretary of the Board;

(ah) "Major Non conformity" means Non operation/inefficient operation of the water Pollution Control Equipments/Measures and/or non-fulfillment/violation of the standard of emission prescribed in the consent or direct violation of specific statutory environmental obligation by the Occupier or act of omission of the occupier or negligence on his part whether by any accident or otherwise;

(ai) Minor Non conformity means non-fulfillment of a requirement of the Consent condition which includes non submission of reports or maintenance of records as specified in the Consent Conditions and which is not defined as major Non conformity;

(aj) "Occupier", in relation to any organization, operation or process, premises, means the authorised person who has documented control over the affwaters of the factory or the premises, and includes, in relation to any substance, the persons in possession of the substance;

(ak) "Schedule" means a Schedule appended to these rules;

(al) "section" means a section of the Act;

(am) "Sewage" means effluent from any sewerage system or sewage disposal works and includes sullage from open drains;

(an) "State water Laboratory" means a laboratory as referred in sub-section (a) of section 52 of the Act;

(ao) "State Board Laboratory" means a laboratory as referred to in sub-section (2) of section 17 of the Act;

(ap) "Total estimated investment" means the total estimated value of the proposed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the value of land, building, plant and machinery including the value of leasehold land, building and premises and value of hired plant, machinery and equipment;

(aq) "Total Investment" means the total value of the completed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the value of land, building, plant and machinery including the value of leasehold land, building, and premises and value of hired plant, machinery and equipment;

(ar) "Year" means the financial year commencing on the first day of April.

(2) Words and expressions used and not defined in these rules but defined in the Act shall have the meanings respectively assigned to them in the Act.

3. *Travelling allowance, daily allowance and other allowances for members.*— (1) The member of the Board shall be entitled to payment of travelling allowance as admissible to the Grade I Officer of the Government from the Board's fund for the journey performed by him for the purposes of the Board.

(2) Every member of the Board shall be entitled to payment of sitting fee at such rate as may be decided by the Board from time to time for each day of such sitting, in addition to travelling allowance.

(3) A member of the Board shall not be entitled to any travelling allowance for journey performed by him on first occasion to take charge of post and also after relinquishment of post.

(4) The Member-Secretary of the Board or any other Officer authorized by the Board shall decide about the sitting fees and travelling allowances of the members.

(5) A non-official member of the Board if he happens to be a member of the Legislative Assembly of Goa, he shall not be eligible for

payment of travelling allowance if he has claimed travelling allowance, for the same journey and period for which such allowance has been claimed in his bills for attending the meetings of the Legislative Assembly or any Committee thereof.

4. *Time and place of meetings of the Board and procedure to be followed at such meetings.*— (1) The meetings of the Board shall ordinarily be held at the head-quarter of the Board on such dates as may be fixed by the Chairman

(2) The Chairman shall at his discretion or, upon written request of not less than five members of the Board or upon a direction of the Government, call a special meeting of the Board.

(3) Five clear days' notice for an ordinary meeting and two clear days' notice for a special meeting specifying the time and the place at which such meeting is to be held and the business to be transacted there at, shall be given by the Member-Secretary to the members of the Board.

(4) Notice of a meeting of the Board may be given to the members of the Board by delivering the same by messenger or sending it by registered post to their last known place of residence or business or by email or in such other manner as the Chairman may, in the circumstances of the case, deem fit.

(5) No member of the Board shall be entitled to bring forward for the consideration of the meeting any matter of which he has not given ten clear days' notice to the Member-Secretary, unless the Chairman, in his discretion, permits him to do so.

(6) The Board may adjourn the meeting from day-to-day or to any particular day, and no fresh notice shall be required for such adjourned meeting.

(7) No proceeding shall be invalidated merely on the ground that the provision in this rule relating to the notice is not strictly complied with.

5. *Presiding Officer.*— Every meeting of the Board shall be presided over by the

Chairman and, in his absence, by an authority/officer as approved and notified by the Government.

6. *All questions to be decided by majority.*— (1) All questions at a meeting shall be decided by a majority of votes of the members present, and voting shall be by raising of hands in favour of the proposal.

(2) In case of equality of votes, the presiding officer shall have a second or casting vote.

7. *Quorum.*— (1) Five members shall form the quorum for any meeting.

(2) If at a time fixed for any meeting or during the course of any meeting a quorum is not present, the presiding officer shall adjourn the meeting and if a quorum is not present on the expiration of fifteen minutes from such adjournment, the presiding officer shall adjourn the meeting to such hours on the following or on some other future date as he may fix.

(3) No quorum shall be necessary for the adjourned meeting.

(4) No matter which had not been on the agenda of the original meeting shall be discussed at such adjourned meeting.

8. *Minutes.*— (1) Record shall be kept of the names of members who attended the meeting and of the proceedings at the meeting to be maintained by the Member Secretary and uploaded on the official website of the Board.

(2) The minutes of the previous meeting shall be read at the beginning of the every succeeding meeting, and shall be confirmed and signed by the Presiding Officer at such meeting.

(3) The proceedings shall be open for inspection to any member at the office of the Board during office hours.

9. *Maintaining order at meeting.*— The Presiding Officer shall maintain order at meeting.

10. *Business to be transacted at meeting.*— Except with the permission of the Presiding

Officer, no business which is not entered in the agenda or of which notice has not been given by a member under sub-rule (5) of rule 4, shall be transacted at any meeting.

11. *Order of business.*— (1) At any meeting the business to be transacted shall be in the order in which it is entered in the agenda.

(2) Either at the beginning of the meeting or after conclusion of the debate on a motion during the meeting the Presiding Officer or a member may suggest a change in the order of business as entered in the agenda and if the majority of the members present agree, such a change shall take place.

12. *Procedure for transaction of business of committees constituted by the Board.*— (1) The time and place of the meetings of the Committees constituted by the Board under sub-section (1) of section 9 of the Act shall be as specified by the Chairman and the Member Secretary.

(2) The quorum for a meeting of such committees shall be half of the total number of members of the committee.

(3) The committee so appointed by the Board shall take decisions and convey the same to the Board.

(4) The committee may device its own procedure for transaction of its business at its meeting.

13. *Fees and allowances to be paid to members of the committee.*— A member of a committee shall be entitled to such travelling allowance and sitting fee as admissible to a member of the Board, and, if he is a Government Servant, he shall be entitled only to travelling allowance and dearness allowance at the rates, admissible under the relevant rules of the Government under which he is serving.

14. *Persons to be temporarily associated with the Board.*— The person temporarily associated with the Board shall be paid travelling allowance and sitting fee if he is a non-official, at the rates specified in rule 3 and if he is a Government Servant as specified in rule 13.

15. *Powers and duties to be exercised by the Chairman and the Member-Secretary of the Board and appointment of Officers and employees.*— (1) Subject to the policy approved by the Board, the general management of the of waters and business of the Board shall be with the Chairman who shall have power to do all things necessary or desirable for the management of affairs of the Board in carrying out its objectives.

(2) The Chairman may,—

(i) with prior approval of the Government undertake tours within India for carrying out the functions of the Board.

(ii) With the prior approval of the Government, visit any foreign country for carrying out the functions of the Board.

(3) The Chairman shall have power to accord administrative and financial sanction to all estimates without any financial limit in the allocation made for such purposes in the budget of the Board.

(4) In the matter of acceptance of tenders, the Chairman shall have full powers without any monetary limit.

16. *Powers and duties of the Member Secretary.*— The Member Secretary shall be subordinate to the Chairman and shall, subject to the control of the Chairman, exercise the following powers, namely:—

(i) the Member Secretary may undertake tours within India for the performance of duties entrusted to him by the Board provided that he shall keep the Chairman informed of his tours and obtain the previous permission from the Board for his tours outside the State of Goa.

(ii) the Member Secretary shall be in charge of all the confidential papers of the Board and shall be responsible for preserving them.

(iii) the Member Secretary shall produce such papers whenever so directed by the Chairman or by the Board.

(iv) the Member Secretary shall make available to any member of the Board, for his perusal, any record of the Board.

(v) the Member Secretary shall be entitled to issue any direction to any officer or employee of the Board, and call at any time, any file, paper and document, from any section/department of the Board, for checking of accounts, vouchers, bills and other records and stores pertaining to the Board or regional offices there under.

(vi) the Member Secretary may withhold any payment, provided that as soon as may be after such withholding of payment the matter shall be placed before the Board for its approval.

(vii) the Member Secretary shall make all arrangements for holding meetings of the Board and meetings of the committees constituted by the Board.

(viii) all orders, instructions, directions, notices, communications, consents, authorizations or registrations to be issued by the Board shall be under the signature of the Member Secretary or of any other Officer authorized in this behalf by the Chairman or the Board.

(ix) the Member Secretary shall be authorized to sanction or pass and make all payments against estimates sanctioned, within the allocations made for such purposes in the budget approved by the Board.

(x) the Member Secretary shall write and maintain confidential reports of all subordinate officers of the Board and shall get them countersigned by the Chairman.

(xi) (a) the Member Secretary shall sanction the annual increments of the officers of the Board subordinate to him.

(b) the annual increments of officers which the Member Secretary is not competent to sanction shall be sanctioned by the Chairman.

(xii) the Member Secretary shall have full power for according technical sanction to all estimates.

(xiii) the Member Secretary shall exercise such other powers and perform

such other functions as may be delegated to him from time to time either by the Board or by the Chairman.

(xiv) the Member Secretary shall have power to execute contract, deed, instrument and assurance of property and in particular (a) all service agreements (b) security bonds (c) con-veyance, lease of immovable property and, (d) assurances required by law or otherwise.

(xv) The Member Secretary shall have power to engage legal advisors, Advocates, Attorneys on the terms and conditions to be approved by the Board.

(xvi) The Member Secretary or any other Officer authorized by the Chairman or the Board shall have power to make and give receipts in respect of the claims of and demands on the Board.

(xvii) The Member Secretary shall have power to purchase materials and equipments for execution of construction works up to a limit of the allotments made from time to time.

(xviii) The Member Secretary shall have power to sanction installation of telephones/ broadband/internet connections, etc. in the office of the Board.

17. Appointment of Consulting Engineer.—

(1) For the purpose of assisting the Board in the performance of its functions, it may appoint a Consultant for a specified period not exceeding one year:

Provided that the Board may, with the prior approval of the Government extend the period of such appointment from time to time:

Provided further that if at the time of the initial appointment, the Board had reason to believe that the services of the Consultant would be required for a period of more than one year, the Board shall not make the appointment without the prior approval of the Government.

(2) The Board may pay such emoluments or fees to the Consulting Engineer depending on the nature of work and his qualifications and experience:

Provided that the Board shall not appoint any person as Consulting Engineer without the prior approval of the Government, if the emoluments or fees payable to him exceeds Rs. 1,00,000/ (Rupees One Lakh only) per month.

18. *Power to terminate appointment.*— Notwithstanding the appointment of a Consulting Engineer for a specified period, the Board shall have the right to terminate the services of the Consulting Engineer before the expiry of the specified period, if in the opinion of the Board, he is not discharging his duties to the satisfaction of the Board or if such a course of action is necessary in the public interest.

19. *Tours by Consulting Engineer.*— The Consulting Engineer may undertake tours within the State with prior approval of the Chairman for the performance of the duties entrusted to him by the Board and in respect of such tours, he shall be entitled for travelling and daily allowances as admissible to Grade I Officer of the Government.

20. *Consulting Engineer not to disclose information.*— The Consulting Engineer shall not disclose any information either given by the Board or obtained during the performance of the duties assigned to him either from the Board or otherwise, to any other person without the written permission of the Board.

21. *Duties and functions of the Consulting Engineer.*— The Consulting Engineer shall discharge such duties and perform such functions as are assigned to him, by the Board and he shall be duty bound to advise the Board on all technical matters referred to him by the Board.

22. *Form of notice.*— The notice referred in clause (a) of sub-section (3) of section 21 shall be made in Form I hereto.

23. *Form of Report of the Board Analyst.*— The report referred in sub-section (1) of section 22 of the Act shall be in Form II hereto and submitted in triplicate.

24. *Form for submission of sample to State water Laboratory and report of the Government Analyst.*— The submission of the

sample of water or effluent shall be sent for analysis under sub-section (1) section 21 of the Act to the State Water Laboratory by a letter in Form III hereto. The report referred in sub-section (1) of section 22 of the Act shall be in Form IV hereto submitted in triplicate.

25. *Application for consent of the Board.*— (1) The application referred in sub-section (2) of section 25 shall be made online on the website of the Board at www.goapcb.gov.in as applicable and it shall be accompanied by,—

(a) a certificate from the Chartered Accountant in Form V hereto which shall include value of leasehold land, building and premises and value of hired plant, machinery and equipment,

(b) land allotment/earmarking letter or lease/sale deed;

(c) flow chart and detailed production process;

(d) copy of Project Report for projects costing 5 crores and above;

(e) site Plan (not required for units to be set up in Industrial Estates);

(f) layout plan showing the locations of Manufacturing equipment, water supply/ drainage lines, position of Chimneys, effluent/sewage treatment plant and final discharge point, sludge solid waste disposal points and septic tank/soak pits;

(g) Detailed material balance, water balance for Industries categorised under Red and Orange and large scale Industries under green category;

(h) for large enterprises covered under the Schedule of Environment Impact Assessment Notification, 2006 as amended from time to time, copy of the Environment Impact Assessment Study Report;

(i) copy of the prior Environment Clearance issued by the competent Authority as applicable for projects listed in the Environment Impact Assessment

Notification, 2006 as amended from time to time.

(j) site plan showing surrounding residential area, public places, water streams, etc, of the proposed factory/operation/process/mine/quarry site within a radius of five kilometers with Waste water treatment and disposal systems clearly indicating where waste water is proposed to be disposed off after treatment (for medium and large scale enterprises).

(k) schematic sketch of the proposed Effluent/sewage treatment system/plant (ETP/STP) and or septic tank or soakpits duly signed by Authorised person along with detailed design calculation as applicable.

(l) original Authorisation letter of the person to whom authorisation is made to sign this application form except individual proprietary concern.

(m) any other document/clarification as requisitioned by the Board.

(n) fees as specified in the Table 1(A), 1(B) and 1(C) of Schedule I appended hereto as applicable, to the respective category of industry.

(2) An application without requisite fee shall not be entertained by the Board.

(3) The fees shall be paid by a bank draft or NEFT/RTGS or NET Banking in favour of the Board.

(4) The Consent to Establish issued by the Board shall be valid for a period of five years from the date of issue.

(5) The Categorization of Industries/establishments as Red, Orange, Green category shall be as specified in Table 3 annexed herewith.

(6) When any industry, operation, process, treatment/disposal system or/and extension/addition thereto is established, an application for consent to operate/renewal of Consent to

Operate under sub-section (2) of section 25 of the Act shall be made online on the website of the Board www.goapcb.gov.in as applicable to the respective category of industry, operation or process at least two months prior to the scheduled date of commencing operation, and shall be accompanied by,—

(a) a certificate from the Chartered Accountant as specified in Form V which shall also include value of leasehold land, building and premises and value of hired plant, machinery and equipment;

(b) copy of the previous Consent issued by the Board.

(c) stack analysis report/analysis report of treated effluent/sewage wherever applicable.

(d) any changes/modifications carried out in the Industry/operation or process after obtaining previous Consent;

(e) in case of Renewal of Orange and Green Category Industry, application for Auto Renewal to be accompanied by an Affidavit as specified at Annexure 'B' in SCHEDULE I hereto;

(f) Fees as specified in the Table 2(A), 2(B) or 2(C) of Schedule I as applicable to the respective category of industry;

(g) an application without requisite fees shall not be entertained by the Board;

(h) the fees referred herein shall be paid by a bank draft or NEFT/RTGS or NET Banking in favour of the Goa State Pollution Control Board;

(i) The validity of consent to operate and renewal of consent to operate shall normally be five years for Red category, ten years for orange category and fifteen years for green category industry, operation or process;

(j) An application for renewal of consent to operate submitted upon expiry of the

validity period shall also be accompanied by late fees equivalent to 50% of the fees payable for renewal.

26. *Manner of enquiry in respect of application for consent.*— (1) On receipt of an application for consent under section 21 of the Act, the Board may depute any of its officers, accompanied by as many assistants as may be necessary, to visit the premises of the applicant, to which such application relates for the purpose of verifying the correctness or otherwise of the particulars furnished in the application or for obtaining such further particulars or information as the Board may consider necessary as specified under sections 23, 24 and 25 of the Act. Such officer may, for that purpose, inspect any place where water emissions or water pollutant are discharged by the applicant or water pollution control equipments and measures and may require the applicant to furnish to him any plan, specification and other data relating to such water pollution control equipments and measures, systems or any part thereof, he considers necessary.

(2) Such officer shall before visiting any premises of the applicant for the purpose of inspection under sub-rule (1), give notice to the applicant of his intention to do so in Form VI hereto. The applicant shall furnish to such officer all facilities that such officer may legitimately require for the purpose.

(3) An officer of the Board may, before or after carrying out an inspection under sub-rule (1), require the applicant to furnish to him, orally or in writing such additional information or clarification, or to produce before him such documents, as he may consider necessary and may, for that purpose, summon the applicant or his authorized agent to the office of the Board.

(4) The Board shall conduct water quality monitoring of such units under sub-section (1) of section 21 of the Act and shall levy such fees as specified by the Board from time to time.

(5) The Board shall conduct environmental audit under sub-section (3) of section 21 of the Act through an Environmental Auditor or Engineering/Scientific Institutions or Officials of the Board upon submission of Environmental Statement by the industry/Organization and shall follow such procedure as specified in SCHEDULE II hereto.

(6) The Board shall constitute an Environmental Audit Committee comprising of such members as specified in SCHEDULE II hereto.

(7) The tenure of the Environmental Audit committee shall be for a period of 5 year;

(8) For the purpose of carrying out Environmental Audit the Board shall levy fees as per actual expenses incurred by the Board for conducting the Environmental Audit plus 25 percent administrative charges.

(9) The Board shall Empanel Environment Auditors by following such procedures as specified in SCHEDULE II hereto;

(10) The Institutions/Agencies/Professionals/Individuals eligible for Empanelment as Environment Auditor with the Board shall be as specified in SCHEDULE II hereto;

(11) The Environment Audit Committee shall review the Environment Audit Report submitted by the Environment Auditors and recommend such actions as specified in SCHEDULE II hereto;

(12) The Environment Audit Committee shall meet at least once in 3 months;

(13) The Empanelled Auditor shall conduct an Environment Audit as per the procedure and submit a Report as specified in SCHEDULE II hereto;

(14) The fee to be paid to Empanelled Environment Auditor shall be as specified in SCHEDULE II hereto.

27. *Form of budget.*— (1) Before the last day of the preceding financial year, the budget in respect of the ensuing year showing the estimated receipts and expenditure of the Board shall be prepared under section 38 of the Act in Forms VII hereto;

(2) The estimated receipts and expenditure shall be accompanied by the revised budget estimates for the current year;

(3) The budget shall, as far as may be, based on the account heads specified in SCHEDULE III hereto.

28. *Submission of budget estimates to the Board.*— (1) The budget estimates shall be placed by the Member Secretary before the Board by the 5th October each year for approval.

(2) After approval of the budget estimates by the Board, four copies of the final budget proposals incorporating therein such modifications as have been decided upon by the Board shall be submitted to the Government by the 15th October each year.

29. *Estimates of establishment expenditure and fixed recurring charges.*— The estimates of expenditure on fixed establishment as well as fixed monthly recurring charges on account of rent, allowances, etc. shall provide for the gross amount without deductions of any kind.

30. *Re-appropriations and emergent expenditure.*— No expenditure which is not covered by a provision in the sanctioned budget estimates or which is likely to be in excess over the amount provided under any head, shall be incurred without the approval of the Board and by the Board without provision being made for re-appropriation from some other head, under which savings are firmly established and available.

31. *Power to incur expenditure.*— The Member Secretary shall have power to incur expenditure against allotments made in the budget estimates sanctioned by the Board and against sanctioned estimates out of the

funds of the Board subject to observance of the general financial rules for the purposes of procedure.

32. *Operation of fund of the Board.*—The fund of the Board shall be operated by the Member Secretary of the Board and in his absence by any officer of the Board duly authorized by the Board in that behalf. The Board shall create and maintain a Corpus Fund.

33. *Form of annual report.*— The annual report referred in sub-section (2) of section 39 of the Act shall be in Form VIII hereto.

34. *Form of annual statement of accounts of the Board.*— The annual statement of accounts of the Board referred in sub-section (1) of section 40 shall be in Forms IX, X XI, XII and XIII hereto.

35. *Audit of the annual statement of Account.*— The annual statement of account of the Board shall be audited by an Auditor appointed by the Government for the purpose in consultation with the Office of the Comptroller and Auditor General in Goa.

36. *Directions of the Government.*— The Board shall comply with the directions issued by Government from time to time.

37. *Repeal and savings.*— (1) The Goa Water (Prevention and Control of Pollution) Rules, 1989 are hereby repealed.

(2) Notwithstanding such repeal any action taken or order issued under the provisions of the said repealed Rules prior to the commencement of these Rules shall, in so far as it is not inconsistent with the provisions of these Rules, be deemed to have been taken or issued under the provisions of these Rules.

By order and in the name of the Governor
of Goa.

Dasharath M. Redkar, Director (Env't.)/
ex officio Joint Secretary.

Panaji, 17th December, 2021.

FORM I

THE GOA STATE POLLUTION CONTROL BOARD

Notice of intention to have sample analysed

(See rule 22)

To,

Take notice that it is intended to have analyzed the sample of water emissions/flue gas emissions/ambient monitoring/emissions which is being taken today the ... day of ... 20... from (†) ...

Name and designation of the person who takes the sample.

(t) Here specify the stream, well, plant, or place from where the sample is taken.

FORM II

Report by the Board Analyst

[See rule 23]

Report No. ...

Dated the ... 20...

I hereby certify that I, (*) ... Board Analyst duly appointed under sub-section (2) of section 53 of the Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974), received on the (†) ... day of ... 20... (‡) ... a sample of ... for analysis. The sample was in a condition fit for analysis reported below:-

I further certify that I have analysed the aforementioned sample on (\$) ... and declare the result of the analysis to be as follows-

(\$)

The condition of the seals fastening and container on receipt was as follows:-

Signed this ... day of ... 20...

Address ...

(Signed)

Board Analyst

To

.....

.....

(*) Here write the full name of the Board Analyst.

(†) Here write the date of receipt of the sample.

(‡) Here write the name of the Board or person or body of persons or Officer from whom the sample was received.

(§) Here write the date of analysis.

(\$) Here write the details of the analysis and refer to the method of analysis. If the space is not adequate the details may be given on a separate sheet of paper.

FORM III

Form of letter for submission of samples to the State Water Laboratory

[See rule 24]

To,

The Government Analyst,

State Water Laboratory

Sir,

I am submitting sample No./Nos.... of water emissions taken from M/s..... on..... according to the provisions of section 54 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974).

Sample No.	Point of collection	Parameters to be analyzed
.....
.....
.....

Yours faithfully,

(signature of the officer taking sample)
Designation:-

Copy forwarded to the Member Secretary, Goa State Pollution Control Board,

(Name and signature of the officer taking sample)]

FORM IV

Report by the Government Analyst

[See rule 24]

Report No. ...

Dated the ... 20...

I hereby certify that I, (*)
Government Analyst duly appointed under sub-
section (2) of section 53 of the Water (Prevention
and Control of Pollution) Act, 1974 (Act 6 of 1974)
received on the (†) ... day of ... 20... from (‡) ... a
sample of ... for analysis. The sample was in a
condition fit for analysis reported below:—

I further certify that I have analysed the
aforementioned sample on (\$)
and declare the result of the analysis to be as
follows:—

(\$)

....

....

Signed this ... day of ... 20...

Address

(Signature)

Government Analyst

To

.....

.....

(*) Here write the full name of the Government
Analyst.

(†) Here write the date of receipt of the sample.

(‡) Here write the name of the Board or person
or body of persons or Officer from whom the sample
was received.

(\$) Here write the date of analysis.

(\$) Here write the details of the analysis and
refer to the method of analysis. If the space is not
adequate the details may be given on a separate
sheet of paper.

FORM V

**(Form of the certificate of the Chartered
Accountant without appreciation and
depreciation)**

[See rule 25(1)(a)]

I, Shri. _____
Son/daughter of _____, aged
_____ years, Indian National,
resident of _____,
hereby solemnly declare an oath as follows.

1. I say that I am the Proprietor/Director
Authorized Signatory of M/s. _____
located at _____, Goa.

2. I say that the Gross Fixed Asset Value/Gross
Estimated Value (in case of NOC) of our unit is as
follows (including the value of lease/hold land,
building and premises and value of hired plant,
machinery and equipment)

a. Land _____

b. Building _____

c. Plant & Machinery _____

d. Other fixed assets _____

Total _____

(Rupees _____)

3. I say that I am filing this Certificate for the
limited purpose of producing it before the Board
for obtaining Consent.

Solemnly affirmed at _____

Dated _____

Deponent
Name & Signature

Note: Kindly note that application form should be
invariably submitted by only authorized person on behalf
of the unit"

FORM VI

THE GOA STATE POLLUTION CONTROL BOARD
NOTICE OF INSPECTION

[See rule 26(2)]

Chairman

Member Secretary

Shri

No.

Dated.....

.....

.....

To,

Take Notice that for the purpose of enquiry under section 21 the following officers of the State Board namely:—

i. Shri

ii. Shri

iii. Shri

and the persons authorized by the Board to assist them shall inspect-

Any systems of your Industrial Plant.

Any other parts thereof or pertaining thereto under management/control of date (a)betweenhours when all facilities requested by them for such inspection should be made available to them on the site. Take Notice that refusal or denial to above stated demand made under the functions of the State Board shall amount to obstruction punishable under section 37(1) of the Act.

By order of the Board
Member Secretary

Copy to:

1.

2.

3.

FORM VII
THE GOA STATE POLLUTION CONTROL BOARD
Detailed Budget Estimates for the year 20.....

[See rule 27(1)]

ADMINISTRATION

(Expenditure)

Head of Account	Actuals for the past three years			Sanctioned Estimate for the current year	Actuals for last six months i.e. year	Actuals for last six months of the current year	Revised Estimate for the current year	Budget Estimate for the next year	Variations between column 5 and 8	Variations between column 8 and 9	Explanation for columns 10-11
1	2	3	4	5	6	7	8	9	10	11	12

Accounts Officer/Accountant

FORM VIII
THE GOA STATE POLLUTION CONTROL BOARD
Annual Report for the Financial year April 20.... To March 20.....

(See rule 33)

1. Introductory.
2. Constitution of the Board including changes therein.
3. Constitution of Committees by Board and Meetings of the Committees constituted by it.
4. Meetings of the Board.
5. Activities of the Board including the various functions performed under Section 1 of the Act.
6. Prosecutions launched and convictions secured.
7. Finance and Accounts of the Board.
8. Visits to the Board by Experts, important persons etc.
9. Any other important matter dealt with by the Board.

FORM IX
THE GOA STATE POLLUTION CONTROL BOARD
Receipts and payments for the year ended.....
(See rule 34)

Previous year (1)	Receipts (2)	Previous year (3)	Payments (4)
Opening Balance	-----	1.Capital expenditure	
Grants received:		(i) Works	.....
(a) From Government	(ii) Fixed Assets	.....
(b) From other agencies	(iii) Other Assets:	.....
ii. Fees	(a) Laboratory equipments	.....
iii. Fines and Forfeitures	(b) Vehicles	.....
iv. Interest on Investment	(c) Furniture & Fixtures	.....
v. Miscellaneous receipts	(d) Scientific Instruments and Office appliances	.....
vi.Miscellaneous Advances	(e) Tools and Plant	.....
vii. Deposits	(23) Revenue Expenditure	
		A. Administrative:	
		(i) Salaries	.....
		(ii) Travelling Allowance :	
		a) Chairman	.....
		b) Members	.....
		c) Others	.....
		(iii) Leave salary and pension contributions	.....
		(iv) Office expenditure	.....
		B. (i) Board Laboratory	.....
		(i) Charges to be paid to State Government Analyst Laboratory	.....
		C. Running and Maintenance of Vehicles	.....
		D. Maintenance and Repwaters:	
		(i) Buildings	.....
		(ii) Works	.....
		(iii) Furniture and Fixture	.....
		(iv) Scientific Instruments and office appliances	.....
		(v) Tools and plants	
		E. Fees to consultants and Specialist	.....
		F. Law Charges	.....
		G. Miscellaneous	.....

		H. Fees for Audit	.....
		3. Purchases	.....
		4. Miscellaneous	.....
		5. Advances	.....
		6. Deposits	.....
		Closing Balance	.....
Total		Total	.....
Accounts Officer/Accountant	Member Secretary	Chairman	

FORM X
THE GOA STATE POLLUTION CONTROL BOARD
Expenditure on works as on 31st March 20.....
(Item I – Assets of the Balance Sheet)
(See rule 34)

Upto 31 st March 20.....					During the year 20.....			Upto 31 st March 2.....		
Sr. No.	Name of the work	Direct expenditure	Overhead Charges	Total expenditure	Direct expenditure	Overhead Charges	Total expenditure	Direct expenditure	Overhead Charges	Total expenditure
Total -----										
Accounts Officer/Accountant			Member Secretary				Chairman			

FORM XI
THE GOA STATE POLLUTION CONTROL BOARD
ANNUAL STATEMENT OF ACCOUNTS
Fixed Assets as on works as on 31st March 20.....
(Item 2 – Assets of the Balance Sheet)
Other Assets as on 31st March 20.....
(Item 3 – Assets of the Balance Sheet)
(See rule 34)

Sr. No.	Particulars of Assets	Balance as on 31 st March 20....	Additions during the year	Total	Depreciated on during the year	Sales or write off during the year	Balance as on 31 st March 20....	Cumulative depreciation as on 31 st March 20.....
Accounts Officer/Accountant				Member Secretary		Chairman		

FORM XII**THE GOA STATE POLLUTION CONTROL BOARD****ANNUAL STATEMENT OF ACCOUNT**Income and expenditure accounts for year ended 31st March 20.....

(See rule 34)

Expenditure				Income			
Previous year	Details	Total of sub-head	Total of Major head	Previous year	Details	Total of sub-head	Total of Major head
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Rs.						
To				By			
Revenue expenditure				I. Grants received			
(A) Administrative				(a) From Government			
(i) Salaries				(b) From other agencies			
(ii) Travelling allowances				Total			
(iii) Leave salary and pension contributions				Less:			
(iv) Board's contribution to the staff provident fund.				Amount utilized for Capital expenditure. Net grant available for Revenue expenditure.			
(v) Contingent expenditure							
(B) Running expenses of laboratories:				II Fees			
(i) Main laboratory				III Service rental charges			
(ii) Payments to be made to the State Government Analyst laboratory				IV Fines and forfeitures			
				V Interest on investments			
(C) Running and maintenance of vehicles				VI Miscellaneous receipts			
(D) Maintenance and Repwaters				VII Excess of expenditure over income			
(i) Building and Land							
(ii) Drainage Works							
(iii) Furniture and Fixtures							
(iv) Scientific Instruments and office appliances							
(v) Tools and Plant							
(E) Fees to consultants and specialists							

(F) Law Charges							
(G) Depreciation : (i) Buildings (ii) Laboratory equipment (iii) Vehicles (iv) Furniture and Fixtures (v) Scientific instruments and office appliances (vi) Tools and Plants							
(H) Miscellaneous (i) Write off losses (as per details in the statement attached). (ii) Other Miscellaneous expenditure.							
(I) Fees for Audit							
(J) Excess of Income over expenditure							
TOTAL							

Accounts Officer/Accountant

Member Secretary

FORM XIII
THE GOA STATE POLLUTION CONTROL BOARD
ANNUAL STATEMENT OF ACCOUNTS
Balance sheet as at 31st March 20.....
(See rule 34)

Capital and Liabilities				Property and Assets			
Previous year	Details	Total of sub-head	Total of Major head	Previous year	Details	Total of sub-head	Total of Major head
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) Capital Fund (i) Grants received from Government for Capital Expenditure (a) Amount utilized upto 31 st March 20.... (ii) Grant from other agencies for Capital expenditure (a) Amount utilized upto 31 st March 20...				1. Works--- (as per Form XI) 2. Fixed Assets (As per Form XII) (a) Value of land provided by Govt. (at cost) (b) Buildings— Balance as per last Balance Sheets Additions during the year	----		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(b) Unutilized balance to 31 st March 20...							
(iii) Value of land provided by Govt. (Per contra)							
(B) Capital Receipts				Total	----		
(c) (i) Deposits received for works from outside bodies				3. Other Assets-- (As per Form XII)			
Deposits				(a) Laboratory Equipment as per last balance sheet	----		
Less Expenditure ---				additions during the year	----		
(ii) Other deposit				Total	----		
				Less depreciation during the year			
				Total			
(D) Amounts due---				(b) Vehicles as per last balance sheet	----		
(i) Purchases				Addition during the year			
(ii) Others				Total	----		
				Less Depreciation during the year	----		
				Total	----		
(E) Excess of income over expenditure :				(c) Furniture and fixtures as per last Balance Sheet			
(i) Up to 31 st March 20.....				Additions during the year			
(ii) Add for the year				Total	----		
(iii) Deduct ---				Less Depreciation during the year	----		
Excess of expenditure over income				Total	----		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				(d) Scientific Instruments and Office Appliances --- As per last Balance Sheet Additions during the year Total	----- ----- -----		
				(e) Tools and Plants ----- As per last Balance Sheet Additions during the year Total Less Depreciation during the year Total	----- ----- ----- -----		
				4. Sundry Debtors (i) Amounts due from out site bodies for expenditure incurred----- Expenditure Less Amount received (ii) Other sundry Debtors			
				5. Advances----- (a) Miscellaneous Advances (b) Other amount recoverable Cash----- (c) Notice/Short Term Deposits (d) Cash at Bank (e) Cash at Hand (f) Cash in transit	-----		
Total				Total	-----		
Accounts Officer/Accountant	Member Secretary				Chairman		

SCHEDULE I

[See Rule 25]

I An Application for CONSENT TO ESTABLISH, -

- (i) A Green Category Industry shall be accompanied by Fee as specified in **Table 1(A)** below;
- (ii) An Orange Category Industry shall be accompanied by Fee as specified in **Table 1(B)** below;
- (iii) A Red Category Industry shall be accompanied by Fee as specified in **Table 1(C)** below.

II An application for CONSENT TO OPERATE:-

- (i) **RED** Category Industry (Large, Medium and Small scale) shall be accompanied by Fees as specified in **Table 2 (A)** below.
- (ii) **ORANGE** Category Industry (Large, Medium and Small scale) shall be accompanied by Fees as specified in **Table 2(B)** below.
- (iii) **GREEN** Category Industry (Large, Medium and Small scale) shall be accompanied by Fee as specified in **Table 2(C)** below.

Table 1		
TOTAL ESTIMATED INVESTMENT (TEI) (Rs. in Lakhs)	FEE FOR CONSENT TO ESTABLISH (In Rupees)	
	Fee (5years)	Fee (per year)
1	350	70
1 - up to 2	700	140
2 - up to 3	1000	200
3 - up to 4	1350	270
4 - up to 5	1700	340
5 - up to 6	2000	400
6 - up to 7	2350	470
7 - up to 8	2700	540
8 - up to 9	3000	600
9 - up to 10	3350	670
10 - up to 15	4000	800
15 - up to 20	4700	940
20 - up to 25	5350	1070
25 - up to 35	6700	1340
35 - up to 45	8000	1600
45 - up to 55	9350	1870
55 - up to 65	10700	2140
65 - up to 75	12000	2400
75 - up to 100	13350	2670
100 - up to 500	17350	3470
500 - up to 1000	21350	4270
1000 - up to 2000	25350	5070
2000 - up to 3000	33700	6740
3000 - up to 4000	42000	8400
4000 - up to 5000	50350	10070
5000 - up to 10000	75350	15070
10000 - up to 20000	100350	20070

Note: Also 2% increase in the above fees for every subsequent financial year.

Table 2 (A)			
Renewal/Consent to operate	Red category (L)	Red Category (M)	Red Category (S)
		Per year	
1	500	500	200
1-up to 2	1000	1000	400
2- up to 3	1500	1500	600
3 - up to 4	2000	2000	800
4 - up to 5	2500	2500	1000
5 - up to 6	3000	3000	1200
6 - up to 7	3500	3500	1400
7 - up to 8	4000	4000	1600
8 - up to 9	4500	4500	1800
9 - up to 10	5000	5000	2000
10 - up to 15	6000	6000	2400
15 - up to 20	7000	7000	2800
20 - up to 25	8000	8000	3200
25 - up to 35	9500	9500	3800
35 - up to 45	11000	11000	4400
45 - up to 55	12500	12500	5000
55 - up to 65	14000	14000	5600
65 - up to 75	15500	15500	6200
75 - up to 100	17000	17000	6800
100 - up to 500	22000	22000	8800
500 - up to 1000	27000	27000	10800
1000 - up to 2000	37000	37000	14800
2000 - up to 3000	47000	47000	18800
3000 - up to 4000	57000	57000	22800
4000 - up to 5000	67000	67000	26800
5000 - up to 10000	97000	97000	38800
10000 - up to 20000	127000	127000	50800

*Note: An application for renewal of Consent submitted after expiry of the validity shall accompany with penalty of 50% of the Consent fees in addition to the prescribed consent fees. Also 2% increase in the above fees for every subsequent financial year.

Table 2 (B)			
Renewal/Consent to operate	Orange category (L)	Orange category (M)	Orange category (S)
		Per year	
1	350	350	150
1-up to 2	700	700	300
2- up to 3	1000	1000	450
3 - up to 4	1350	1350	600
4 - up to 5	1700	1700	750
5 - up to 6	2000	2000	900
6 - up to 7	2350	2350	1000
7 - up to 8	2700	2700	1200
8 - up to 9	3000	3000	1300
9 - up to 10	3350	3350	1450
10 - up to 15	4000	4000	1750
15 - up to 20	4700	4700	2000

20 - up to 25	5350	5350	2300
25 - up to 35	6350	6350	2800
35 - up to 45	7350	7350	3150
45 - up to 55	8350	8350	3600
55 - up to 65	9350	9350	4000
65 - up to 75	10350	10350	4450
75 - up to 100	11350	11350	4900
100 - up to 500	14700	14700	14700
500 - up to 1000	18000	18000	7750
1000 - up to 2000	24700	24700	10600
2000 - up to 3000	31350	31350	13450
3000 - up to 4000	38000	38000	16300
4000 - up to 5000	44700	44700	19150
5000 - up to 10000	64700	64700	27750
10000 - up to 20000	84700	84700	36300

*NOTE: An application for renewal of Consent submitted after expiry of the validity shall accompany with penalty of 50% of the Consent fees in addition to the prescribed consent fees. Also 2% increase in the above fees for every subsequent financial year.

Table 2 (C)			
Renewal/Consent to operate	Green category (L)	Green category (M)	Green category (S)
	Per year		
1	200	200	100
1 - up to 2	400	400	200
2 - up to 3	600	600	300
3 - up to 4	800	800	400
4 - up to 5	1000	1000	500
5 - up to 6	1200	1200	600
6 - up to 7	1400	1400	700
7 - up to 8	1600	1600	800
8 - up to 9	1800	1800	900
9 - up to 10	2000	2000	1000
10 - up to 15	2400	2400	1200
15 - up to 20	2800	2800	1400
20 - up to 25	3200	3200	1600
25 - up to 35	3800	3800	1900
35 - up to 45	4400	4400	2200
45 - up to 55	5000	5000	2500
55 - up to 65	5600	5600	2800
65 - up to 75	6200	6200	3100
75 - up to 100	6800	6800	3400
100 - up to 500	8800	8800	4400
500 - up to 1000	10800	10800	5400
1000 - up to 2000	14800	14800	7400
2000 - up to 3000	18800	18800	9400
3000 - up to 4000	22800	22800	11400
4000 - up to 5000	26800	26800	13400
5000 - up to 10000	38800	38800	19400
10000 - up to 20000	50800	50800	25400

Note: Also 2% increase in the above fees for every subsequent financial year.

ANNEXURE 'A'**Table 3****(See rule 25)****Categorization of Industries**

RED CATEGORY	
Sr. No.	Category
1	Airports and Commercial Air Strips with overall waste water generation > 100KLD
2	Aluminium Smelter
3	Asbestos and asbestos based industries
4	Automobile Manufacturing (integrated facilities)
5	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid
6	Building and construction projects having waste water generation ≥ 100KLD
7	Cement
8	Chlor Alkali
9	Chlorates, per-chlorates & peroxides
10	Chlorine, fluorine, bromine, iodine and their compounds
11	Coke making , liquefaction, coal tar distillation or fuel gas making
12	Common treatment and disposal facilities (CETP, TSDF, CBMWTF, effluent conveyance project, incinerator, MSW sanitary landfill site)
13	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on Municipal Solid Waste (MSW) WWG is more than 100KLD
14	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on process waste (industrial/process liquid effluent & solid waste like press mud, organic sludge, molasses etc. WWG is more than 100KLD
15	Copper Smelter
16	DG Set of capacity > 5 MVA
17	Distillery (molasses/grain/yeast based)
18	Dyes and Dye- Intermediates
19	Fertilizer (basic) (excluding formulation)
20	Fibre glass production and processing (excluding moulding)
21	Fire crackers manufacturing and bulk storage facilities
22	Health Care establishments (as defined in Bio-Medical Management Waste Rules, 2016 as amended from time to time) with overall waste water generation > 100KLD
23	Hotel having overall wastewater generation @ 100KLD and more
24	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
25	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time- Items namely - Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt,

26	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time - Items namely - Dismantlers Recycling Plants -Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
27	Industries engaged in recycling/reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time - Items namely - Integrated Recycling Plants -- Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury- switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
28	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time - Items namely - Lead acid battery plates and other lead scrap/ashes/residues not covered under Batteries (Management and Handling) Rules, 2001. [* Battery scrap, namely: Lead battery plates covered by ISRI, Code word "Rails" Battery lugs covered by ISRI, Code word "Rakes". Scrap drained/dry while intact, lead batteries covered by ISRI, Code word "rains".
29	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time - Items namely-Spent cleared metal catalyst containing copper, Spent cleared metal catalyst containing zinc,
30	Industry having liquid waste water generation of 100KLD or more including industrial and domestic waste water
31	Industry or process involving metal surface treatment or process such as pickling/ electroplating/paint stripping/heat treatment using cyanide bath/phosphating or finishing and anodizing/enamellings/galvanizing
32	Iron & Steel (involving processing from ore/integrated steel plants) and or Sponge Iron units
33	Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules,1989 as amended)
34	Lead acid battery manufacturing(excluding assembling and charging of lead-acid battery in micro scale)
35	Manufacturing of explosives, detonators, fuses including management and handling activities
36	Manufacturing of glue and gelatin
37	Manufacturing of lubricating oils, grease and petroleum based products
38	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)
39	Milk processes and dairy products (integrated project)

40	Mining and ore beneficiation
41	Nuclear power plant
42	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)
43	Oil Refinery (mineral Oil or Petro Refineries)
44	Organic Chemicals manufacturing
45	Pesticides (technical) (excluding formulation)
46	Petrochemicals Manufacturing (including processing of Emulsions of oil and water)
47	Pharmaceuticals
48	Phosphate rock processing plant
49	Phosphorous and its compounds
50	Photographic film and its chemicals
51	Ports and harbour, jetties and dredging operations
52	Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW]
53	Processes involving chlorinated hydrocarbons
54	Pulp & Paper (Large-Agro + wood), Small Pulp & Paper (agro based-wheat straw/rice husk)
55	Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper)
56	Pulp & Paper (waste paper based without bleaching process to manufacture Kraft Paper)
57	Railway locomotive work shop/Integrated road transport workshop/Authorized service centers
58	Railway Stations (Wastewater generation ≥ 100KLD)
59	Ship Breaking Industries
60	Slaughter house (as per notification S.O.270(E) dated 26.03.2001) and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts
61	Sugar (excluding Khandsari)
62	Synthetic fibers including rayon , tyre cord, polyester filament yarn
63	Tanneries
64	Thermal Power Plants
65	Tyre and tubes manufacturing unit ≥ 100KLD waste water generation
66	Yarn/Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring
67	Zinc Smelter

ORANGE CATEGORY

Sr. No.	Category
1	Airport and Commercial air strips with overall waste water generation < 100KLD
2	Almirah, Grill Manufacturing (Dry Mechanical Process)
3	Aluminium & copper extraction from scrap using oil fired furnace (dry process only)

4	Automobile servicing, repairing and painting (excluding only fuel dispensing)
5	Automobile servicing, repairing and painting (excluding only fuel dispensing)
6	Ayurvedic and homeopathic medicine
7	Bakery and confectionery units (With wood fired ovens /furnaces) and electric/gas ovens > 1T/day
8	Brickfields (excluding fly ash brick manufacturing using lime process)
9	Building and construction projects having built-up area more than 20000sq.mt and waste water generation ≥ 50 KLD
10	Cashew nut processing
11	Ceramics and Refractories
12	Chanachur and laddoo from puffed and beaten rice (muri and shira) using husk fired oven
13	Coal washeries
14	Coated electrode manufacturing
15	Coffee seed processing
16	Compact disc computer floppy and cassette manufacturing/Reel manufacturing
17	Compressed/Refined Bio-gas production from Biodegradable waste
18	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on Municipal Solid Waste (MSW) WWG is less than 100KLD
19	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on process waste (industrial/process liquid effluent & solid waste like press mud, organic sludge, molasses etc. WWG is less than 100KLD
20	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on crop residue (paddy straw/wheat straw/corn sweet sorghum/napier grass etc)
21	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on animal waste (dairy farms, poultry farms and other animal) WWG is more than 100KLD
22	Construction and Demolition (C & D) waste processing plants
23	Cotton spinning and weaving (medium and large scale)
24	Dairy and dairy products (small scale)
25	Dairy Farm having 15 animals and above where milching animals (cows/buffaloes) are housed to produce milk for distribution and supply to milk processing plants
26	DG set of capacity >1MVA but <5MVA
27	Dismantling of rolling stocks (wagons/coaches)
28	Dry cell battery (excluding manufacturing of electrodes) and assembling & charging of acid lead battery on micro scale
29	Dry coal processing, mineral processing, industries involving ore sintering, pelletisating, grinding & pulverization
30	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol)
31	Ferrous and Non- ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy-making
32	Fertilizer (granulation/formulation/blending only)
33	Fish feed, poultry feed and cattle feed
34	Fish processing and packing (excluding chilling of fishes)

35	Flakes from rejected PET bottle
36	Foam manufacturing
37	Food and food processing including fruits and vegetable processing
38	Forging of ferrous and non- ferrous metals (using oil and gas fired furnaces)
39	Formulation/pelletization of camphor tablets, naphthalene balls from camphor/naphthalene powders.
40	Gaushalas where weak, sick, injured, handicapped and abandoned homeless cattle/cows are housed for rehabilitation is 100KLD and more.
41	Glass ceramics, earthen potteries and tile manufacturing using oil and gas fired kilns, coating on glasses using cerium fluorides and magnesium fluoride etc.
42	Gold Assaying & Hallmarking Centres
43	Gravure printing, digital printing on flex, vinyl
44	Health Care establishments (as defined in Bio-Medical Management Waste Rules, 2016 as amended from time to time) with overall waste water generation >100KLD
45	Heat treatment using oil fired furnace (without cyaniding)
46	Hot mix plants
47	Hotels (< 3 star) or hotels having > 20 rooms and less than 100 rooms
48	Hotels (<3 star) or hotels having > 20 rooms and less than 100 rooms
49	Ice cream
50	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Brass Dross, Copper Dross, Copper Oxide Mill Scale, Copper Reverts, Cake & Residues, Waste Copper and copper alloys in dispersible form, Slags from copper processing for further processing or refining, Insulated Copper Wire, Scrap/copper with PVC sheathing including ISRI-code material namely "Druid", Jelly filled Copper cables, Zinc Dross-Hot dip Galvanizers SLAB, Zinc Dross-Bottom Dross, Zinc ash/Skimming arising from galvanizing and die casting operations, Zinc ash/Skimming/other zinc bearing wastes arising from smelting and refining, Zinc ash and residues including zinc alloy residues in dispersible from,
51	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Paint and ink Sludge/residues
52	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Used Oil-As per specifications prescribed from time to time.
53	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Waste Oil —As per specifications prescribed from time to time.
54	Industry or processes involving foundry operations
55	Jute processing without dyeing
56	Lime manufacturing (using lime kiln)
57	Liquid floor cleaner, black phenyl, liquid soap, glycerol mono-stearate manufacturing
58	Manufacturing of glass
59	Manufacturing of iodized salt from crude/raw salt
60	Manufacturing of mirror from sheet glass

61	Manufacturing of mosquito repellent coil
62	Manufacturing of silica gel
63	Manufacturing of Starch/Sago
64	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items
65	Mechanized laundrt using oil fired boiler
66	Mechanized laundry using oil fired boiler
67	Modular wooden furniture from particle board, MDF <swan timber etc, Ceiling tiles/partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (With boiler)
68	New highway construction project
69	New highway construction project
70	Non-alcoholic beverages (soft drink) & bottling of alcohol/non alcoholic products
71	Paint blending and mixing (Ball mill)
72	Paints and varnishes (mixing and blending)
73	Parboiled Rice Mills
74	Pharmaceutical formulation and for R & D purpose (For sustained release/extended release of drugs only and not for commercial purpose)
75	Ply-board manufacturing(including Veneer and laminate) with oil fired boiler/thermic fluid heater (without resin plant)
76	Potable alcohol (IMFL) by blending, bottling of alcohol products
77	Powder Coating Compound manufacturing units
78	Printing ink manufacturing
79	Printing or etching of glass sheet using hydrofluoric acid
80	Printing press
81	Producer gas plant using conventional up drift coal gasification (linked to rolling mills glass and ceramic industry refectories for dedicated fuel supply)
82	Railway Stations (Wastewater generation $\geq 10\text{KLD}$ but $< 100\text{KLD}$)
83	Reprocessing of waste plastic including PVC
84	Rolling mill (oil or coal fired) and cold rolling mill
85	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Collection, De-Pollution, Dismantling Centres
86	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Collection, De-Pollution, Dismantling Centres and Shredding Centres
87	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Shredding Centres (can include white goods "fother scraps also) Note-Recyclingldisnicntling of white goods are covered under E -Waste (Management & Handling Rules, 2016. end have already been categorised in CPCS document-Classification of industrial Sector- (Feb., 2016)
88	Silk screen printing, sari printing by wooden blocks
89	Spray painting, paint baking, paint shipping
90	Steel and steel products using various furnaces like blast furnace/open hearth furnace/induction furnace/arc furnace/submerged arc furnace/basic oxygen furnace/hot rolling reheated furnace

91	Stone crushers
93	Stone Quarries
94	Surgical and medical products including prophylactics and latex
95	Synthetic detergents and soaps (excluding formulation)
96	Synthetic resins
97	Synthetic rubber excluding molding
98	Teflon based products
99	Thermocol manufacturing (with boiler)
100	Thermometer manufacturing
101	Tobacco products including cigarettes and tobacco/opium processes
102	Transformer repairing/ manufacturing (dry process only)
103	Tyres and tubes vulcanization/ hot retreating
104	Vegetable oil manufacturing including solvent extraction and refinery/hydrogenated oils
105	Wire drawing and wire netting

GREEN CATEGORY	
Sr. No.	Category
1	Aluminium utensils from aluminium circles by pressing only (dry mechanical operation)
2	Assembly of antenna
3	Ayurvedic and homeopathic medicines (without boiler)
4	Bakery/confectionery/sweets products (with production capacity <1tpd (with gas or electrical oven)
5	Bi-axially oriented PP film along with metalizing operations
6	Biomass briquettes (sun drying) without using toxic hazardous wastes
7	Blending of melamine resins & different powder, additives by physical mixing
8	Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility)
9	Building and construction projects having built-up area less than 20000sq.mt and waste water generation ≤ 50KLD
10	Bus body building excluding painting
11	Candy
12	Cardboard or paper gated box and paper products (excluding paper or pulp manufacturing and without using boilers)
13	Carpentry & wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electrical wood planner, steel saw cutting circular blade, etc.
14	Catering Service other then on tiffin basis and self help groups.
15	Cement products (without using asbestos/boiler/steam curing) like pipe ,pillar, jafri, well ring, block/ tiles etc. (should be done in closed covered shed to control fugitive emissions)
16	Ceramic colour manufacturing by mixing & blending only (not using boiler and wastewater recycling process)
17	Chilling plant and ice making without using ammonia
18	Chilling plant, cold storage and ice making

19	CO2 recovery
20	Coke briquetting (sun drying)
21	Compressed/Refined Bio-Gas Production from Bio-degradable Wastes. No waste water discharge from digester and also feed slurry to digester having Volatile Organic Fraction more than 75%.
22	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on crop residue (paddy straw/wheat straw/corn sweet sorghum/napier grass etc) WWG is less than 100KLD
23	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on animal waste (dairy farms, poultry farms and other animal waste) WWG is less than 100KLD
24	Cotton spinning and weaving (small scale)
25	Cutting, sizing and polishing of marble stone
26	Dal Mills
27	Decoration of ceramic cups and plates by electric furnace
28	Diesel generator sets (15KVA to 1MVA)
29	Digital printing on PVC clothes
30	Distilled water (without boiler) with electricity as source of heat
31	Electrical and electronic item assembling with painting activity
32	Emery powder (fine dust of sand) manufacturing
33	Facility of handling, storage and transportation of food grains in bulk
34	Facility of handling, storage and transportation of food grains in bulk)
36	Flour mills (dry process)
37	Flyash export, transport & disposal facilities
38	Gaushalas where weak, sick, injured, handicapped and abandoned homeless cattle/cows are housed for rehabilitation is less than 100KLD.
39	Glass , ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or not involving fossil fuel kiln
40	Glue from starch (physical mixing) with gas/electrically operated oven/boiler.
41	Gold and silver smithy (purification with acid smelting operation and sulphuric acid polishing operation) (using less or equal to 1 litre of sulphuric acid/nitric acid per month)
42	Heat treatment with any of the new technology like ultrasound probe, induction hardening , ionization beam, gas carburizing etc.
43	Hotels (up to 20 rooms and without boilers) and overall waste water generation < 100KLD
44	Hotels (upto 20 rooms and without boiler)
45	Insulation and other coated papers (excluding paper or pipe manufacturing)
46	Leather foot wear and leather products (excluding tanning and hide processing except cottage scale)
47	Lubricating oil, greases or petroleum based products (only blending at normal temperature)
48	Manufacture of sanitary pads
49	Manufacturing of optical lenses (using electrical furnace)
50	Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying
52	Marriage Halls

53	Mineral stack yard/Railway sidings
55	Mineralized water
56	Oil and gas transportation pipeline
57	Oil mill Ghani and extraction (no hydrogenation/refining)
58	Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn
59	Papad and Pickels manufacturing
60	Phenyl/toilet cleaner formulation and bottling
61	Polythene and plastic processed products manufacturing (virgin plastic)
62	Poultry, Hatchery and Piggery
63	Power looms (without dye and bleaching)
64	Puffed rice (muri) (using gas or electrical heating system)
65	Pulverization of bamboo and scrap wood
66	Railway Stations (Wastewater generation < 10KLD)
67	Ready mix cement concrete
68	Reprocessing of waste cotton
69	Rice mill (Rice hullers only)
70	Rolling mill (gas fired) and cold rolling mill
71	Rubber goods industry (with gas operated baby boiler)
72	Saw mills
73	Seasoning of wood in steam heated chamber
75	Soap manufacturing (hand made without steam boiling/boiler)
76	Spice grinding (20 HP motor)
77	Steel furniture without spray painting
78	Steeping and processing of grains
79	Surface treatment using water spray rinsing, degreasing, heating in ovens, electrostatic powder coating and curing using oven
80	Synthetic detergent formulation
81	Tamarind powder manufacturing
82	Tea processing (with boiler)
83	Tyres and tube retreating (without boilers)

WHITE CATEGORY	
Sr. No.	Category
1	Assembly of air coolers/conditioners, repairing and servicing
2	Assembly of bicycles, baby carriages and other small non motorizing vehicles
3	Automobile fuel outlets (only dispensing)
4	Bailing (hydraulic press) of waste papers
5	Bio fertilizer and bio-pesticides without using inorganic chemicals
6	Biscuits trays etc from rolled PVC sheet (using automatic vacuum forming machines)
7	Blending and packing of tea

8	Block making of printing without foundry (excluding wooden block making)
9	Catering serving food on tiffin basis, self help groups.
10	Cement Godown
11	Chalk making from plaster of Paris (only casting without boilers etc. (sun drying/electrical oven)
12	Compressed oxygen gas from crude liquid oxygen (without use of any solvents and by maintaining pressure & temperature only for separation of other gases)
13	Compressed Biogas (CBG)/Bio-CNG plants CBG plants (irrespective of the type of feed) producing Fermented Organic Manure (FOM) & Liquid Fermented Organic Manure (LFOM) as by-products
14	Compressed Biogas (CBG)/Bio-CNG plants Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes etc.
15	Cotton and woolen hosiers making (Dry process only without any dying/washing operation)
16	Cycle/motor track
17	Dairy Farm having less than 15 animals where milching animals (cows/buffaloes) are housed to produce milk for distribution and supply to milk processing plants
18	Diesel pump repairing and servicing (complete mechanical dry process)
19	Domestic bio-digestors based on cow-dung or household biodegradable wastes (such as gohar gas plants)
20	Electric lamp (bulb) and CFL manufacturing by assembling only
21	Electrical and electronic item assembling (completely dry process)
22	Engineering and fabrication units (dry process without any heat treatment/metal surface finishing operations/painting)
23	Fabrication carrying out metal primer application/hand painting activity
24	Flavoured betel nuts production/grinding (completely dry mechanical operations)
25	Fly ash bricks/block manufacturing
26	Fountain pen manufacturing by assembling only
27	Glass bottles and vilas making from glass tubes
28	Glass putty and sealant (by mixing with machine only)
29	Ground nut decorticating
30	Handloom/carpet weaving (without dying and bleaching operation)
31	Leather cutting and stitching (more than 10 machine and using motor)
32	Manufacturing of coir items from coconut husks
33	Manufacturing of metal caps containers etc
34	Manufacturing of shoe brush and wire brush
35	Medical oxygen
36	Organic and inorganic nutrients (by physical mixing)
37	Organic manure (manual mixing)
38	Packing of powdered milk
39	Paper pins and u clips
40	Repairing of electric motors and generators (dry mechanical process)
41	Rope (plastic and cotton)
42	Scientific and mathematical instrument manufacturing

43	Sewage tankers
44	Solar module non conventional energy apparatus manufacturing unit
45	Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW)
46	Surgical and medical products assembling only (not involving effluent / emission generating processes)
47	Stand-alone Massage Parlours, Beauty Parlour, Hair Cutting Saloon and SPAs
48	Tea stall
49	Used Cooking Oil (UCO) collection centres

Note: Any industry/industrial activity, process or trades which do not fall under any of the above mentioned categories, the decision with regards to their categorization/classification, will be taken by the Board, from time to time when such need arises, either suo motto or on the specific request by the Industrial unit. Industrial unit concerned may apply to the Goa State Pollution Control Board in this respect for necessary action.

ACCOMPANIMENTS:

The following documents should invariably be attached alongwith the application as follows:

A. Consent to Establish/Consent to Operate

1. Land Allotment/earmarking letter or lease/Sale deed/Form I & XIV.
2. Flow Chart and detailed production process.
3. A copy of Project Report for projects costing Five crores and above.
4. Site plan (not required for units to be set up in Industrial Estates.)
5. Layout plan showing the location of manufacturing equipments, water supply/drainage lines, position of chimneys, effluent treatment plant and final discharge Point, Sludge solid waste disposal points and septic tanks/soak pits.
6. For industries/activities listed in Schedule I of the Environmental Impact Assessment (EIA) Notification 2006 copy of the EIA report/Form/Report submitted for obtaining Environmental Clearance and other survey, if required will have to be furnished in the prescribed time limit.
7. Photocopy of the prior Environmental Clearance (EC) issued by the Competent Authority, if applicable, for project listed in the Environment Impact Assessment (EIA) Notification, 2006, as amended from time to time.
8. Site plan showing surrounding Residential area, public places, water stream, etc., of the factory site within a radius of 5kms with waste water treatment and disposal systems clearly indicating where waste – water is proposed to be disposed off (for medium and large scale enterprises).
9. Schematic sketch of the proposed effluent/sewage treatment system/plant (ETP/STP) and/or septic tanks/soak pit, duly signed by authorized person, along with detailed design calculation.
10. Certificate from Chartered Accountant certifying the Total Estimated Investment (T.E.I). (refer sample specimen below). In case of leased/hired premises/plant/machinery/ /equipment a certificate from a Registered Valuer towards capital cost is to be submitted without appreciation and depreciation.
11. Original authorization letter of the person to whom authorization is made to sign this application form except individual proprietary concern.
12. Any other documents/clarification as requisition by the Goa State Pollution Control Board.

B. Renewal of Consent to Operate

1. Certificate from Chartered Accountant certifying the Total Estimated Investment (T.E.I). (refer sample specimen below). In case of leased/hired premises/plant/machinery/ /equipment a certificate from a Registered Valuer towards capital cost is to be submitted without appreciation and depreciation.
2. Previous Consent to Operate issued by the Board
3. Stack Analysis Report/Analysis report of Treated effluent/sewage.
4. Any changes/modifications in the industry after the consent obtained.
13. Application for auto renewal of Orange and Green category will be accompanied by an affidavit annexed hereto for an individual proprietary concern.
14. Any other documents/clarification as requisition by the Goa State Pollution Control Board.

ANNEXURE 'B'

(See rule 25)

**Affidavit in support of obtaining
Auto Renewal of Consent to Establish/Operate**

I, S/o Shri....., aged years, Authorized signatory, (Designation) of M/s (Unit ID) am submitting this affidavit in favour of Member Secretary, Goa State Pollution Control Board, Panaji for obtaining auto renewal of Consent to Establish/Consent to Operate under the provisions of Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974) and do, hereby take oath and state as under:-

2. That the Consent to Establish/Consent to Operate under the provisions of Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974) was issued vide order No dated
3. That the said Consent to Establish/Consent to Operate is valid upto
4. That we have not carried out any expansion/modernisation/change in process/product/raw material/fuel or change in pollution load.
5. That we are complying with conditions of previous consent and submitting requisite compliance report of earlier consent alongwith supporting documents as per schedule.
6. That we have submitted Environmental Statement report as prescribed under the rules,
7. There is no change in information provided in the prescribed application form submitted for obtaining earlier consent to operate.
8. That no directions were issued during last five years by the State Board under the provisions of section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974) or 5 of Environment (Protection) Act, 1986 (Act 29 of 1986).
9. There are no prohibitory directions from Courts/Appellate Authority/National Green Tribunal/other judicial/Quasi judicial Authority.
10. We undertake to comply with the conditions and standards stipulated in consent order and with any additional condition/direction which may be stipulated by the Board in future and also to pay additional fee/charges demanded by the Board in future.
11. That I have understood that any wrong, partial, forged information/document submitted by me or any false affirmation made by the undersigned, I shall be liable for legal action including the prosecution under the provisions of Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974), and Information Technology Act, 2000 (Act 21 of 2000) alongwith the provisions of Indian Penal Code, 1860 (Act 45 of 1860).

DEPONENT

Declaration

I, the above named deponent do hereby attest and verify that the contents of para No. 1 to 11 of this affidavit are true and correct to the best of my knowledge. Nothing material has been concealed therein nor any part of it is false.

DEPONENT

SCHEDULE II

[See Rule 26(5), (6), (9), (10), (11), (13), (14)]

A. MEMBERS OF THE ENVIRONMENTAL AUDIT COMMITTEE

- | | | |
|--|---|----------|
| 1. Retired Scientist/Engineer from a reputed Scientific Organization/Institution to be nominated by the Chairman | : | Chairman |
| 2. A Senior Expert on Environmental Audit to be Appointed by GSPCB from any IRCA authorized ISO 14001:2015 Certification Authority | : | Member |
| 3. Member of the State Expert appraisal Committee nominated by the State Expert Committee | : | Member |
| 4. Scientist/Engineer of Goa State Pollution Control Board as nominated by Chairman, Goa State Pollution Control Board | : | Convener |

B. OBJECTIVES

Objectives of Environmental Audit Scheme (EAS) is to engage deemed Scientific and Technical experts to provide a clear indication of the Environmental performance and compliance to Consent conditions of the Organization for the period covered by the audit.

The preliminary objectives of the EAS are as follows:

- a) Provide an objective analysis of the environmental impacts arising from the Organizations activities;
- b) Assess and Determine that mitigation measures including root cause analysis, corrective and preventive actions are effective in addressing environmental aspects and minimizing or removing environmental impacts;
- c) Identify opportunities and make recommendations for improvements in environmental performance of the Organization

C. ROLES AND RESPONSIBILITIES

The roles and responsibilities of the various key players is provided in the context of the Environment Audit scheme.

I. RESPONSIBILITIES OF THE ORGANIZATION

- a) The occupier shall be responsible for submitting Environmental Statement and provide all the assistance and necessary documentation for completion of the Environmental audit.
 - (i) GSPCB/CPCB Issued Consents/Directions/Guidelines(e.g. COINDS or related)
 - (ii) Complaint, if any, received by the GSPCB/Organization and corrective and preventive action taken thereof.
 - (iii) Defined and detailed Procedures of production process, Pollution Control Equipment, finished product/services, by products, consumption of raw materials, against finished products, measurement and monitoring of consumption of water, electricity or other fuels and/or other resources/material per unit finished product /service with responsibilities and supporting records.

- (iv) Defined and detailed Procedures of available addressing identified environmental aspects per unit product output and the corrective -preventive measures to minimize its environmental impacts through the use of alternative technology, pollution control equipment or any other related technique with measurement and monitoring data, responsibilities and supporting records.
- (v) Organizations Policy (Environment, Health and Safety-EHS), if any.
- (vi) The Occupier of Organizations (as mentioned in the Sr. No. 4) shall carry out a documented Root cause analysis of the Non conformances(NCf)/Non compliances (NCp) identified in the EAR once received from the Auditor along with its corrective and preventive action plan, and comments if any and submit the same within along with Form V Environmental Statement with satisfactory closure of CAPA to the Board by target date agreed upon by the Auditor and Occupier or before 30th June whichever is earlier with copy of the stipulated receipt of scrutiny fees to GSPCB.
- b) The Organizations hereafter applying for consent shall have to here onwards get its Environment Management System inspected by respective auditors regarding adequacy and efficacy thereof, through the Board.
- c) The Organization is also responsible for ensuring timely closures of Non conformances (NC) or Non Compliances or Corrective Action Preventive Action Plans or related observations.

II. RESPONSIBILITIES OF THE GOA STATE POLLUTION CONTROL BOARD

- a. Appointment of auditor/s for conducting Environmental Audit.
- b. The list of Board Authorized Auditors will be made publicly available on Board website.
- c. To ensure effective conduct of the individual audits, the following information should be provided to the audit team leader by GSPCB
 - Organization Details
 - History of Defaults if any, and closures or pending issues there off.
 - Contact name, No. address
- d. Forward a copy of the final EAR to the Organization within 15 days of receipt of the EAR.
- e. Initiate appropriate action due to non closure of Non conformances/Non Compliances within time frame specified.
- f. Payment to Auditors
 - Mode of Payment: the State Board will pay the Environmental Auditor the Audit fee as decided by the Board from time to time within one week of submission of bills for conducting the audit.
 - In turn, GSPCB will issue directions to Organizations covered under Audit Scheme to deposit the sum total of the estimated expenses towards auditors fee and auditor expenses from the concerned Organization within 15 days from the date of allocation to the auditor, interim payment within 15 days on receiving of bills from the auditor and final payment within 15 days from submission of final audit report based on actual and 25 percent of total cost incurred for Audit as administrative expenses incurred by the State Board.

III. RESPONSIBILITIES OF THE ENVIRONMENT AUDIT COMMITTEE (EAC)

The GSPCB constituted Environmental Audit Committee members shall not have any conflict of interest with its present assignment. The terms of reference of this Committee are as follows:

- (i) Define and develop audit criteria and its supporting procedure and protocol for the recognition/empanelment/selection of Environmental Auditors, including an

assessment of the Auditors' (or Auditor's selected) .The EAC will suggest new parameters which have been introduced by CPCB/GSPCB. The same will be recommended to GSPCB.

- (ii) Advise and create a guidance/technical document related to the subject which will enable effective auditing including effective auditing and laboratory functions.
- (iii) The committee member(s) will also under take audit of Recognized Auditors, atleast once annually to ensure due diligence of the Auditor to the and advise them in any relevant matter and will suggest/implement the new parameters which are being introduced by the CPCB/GSPCB. A observation report of the same will be submitted in this regard within 15 days of visit.
- (iv) After scrutiny, the EAC will submit the final (list) of the Auditor(s) with their justifications for selection to the Board for issue of Board Recognition.
- (v) EAC will meet atleast once in three months.
- (vi) Conducting or arranging training programme for capacity building of auditors, Organization Representatives and regulators with respect to EAS.
- (vii) Shall review the audit report and submit their comments on the NC(f)'s or NC(p)'s and their respective Root Cause Analysis'(RCA) with corrective Action and Preventive Action (CAPA) Plans.
- (viii) Assign the responsibility for conducting the individual audit to be made in sufficient time before the scheduled date of the audit, in order to ensure the effective planning of the audit.

D. ENVIRONMENTAL AUDIT PLANNING AND CONTROL

I. SELECTION OF ENVIRONMENTAL AUDITORS

- (a) The Member Secretary of the Board shall appoint faculty of Engineering College, Science Colleges, University, or retired or serving Engineer or Scientist from reputed Institutions, Government Departments, or IRCA authorized ISO 14001:2015 Certification Agencies to be Environment Auditor/s who shall be preferably located in the State of Goa and have sufficient experience in the relevant field including relevant qualifications with the approval of the Chairman.
- b) The Member Secretary will constitute Audit team for conducting the Environmental Audit for each audit with approval of the Chairman .
- c) The entire audit work must be carried out by the auditor himself. In other words, the auditor shall and will not assign the audit work to any other agency/firm/personnel other than those recognized. Any violation in this regard shall lead to de-recognition of the auditor and imposition of penalty at the discretion of the EAC.
- d) In case of change in the man power (any member of the team), same shall be communicated to the GSPCB within one month and the auditor shall also obtain the approval of the Board for the replacement.

II. AUDIT CRITERIA

- e) The Member Secretary of the Board will set out the Audit Criteria for each Environmental Audit with approval of the Chairman.

III. ENVIRONMENT AUDIT LABORATORY:

The Board/Agency shall engage the services of NABL recognized Laboratories and also having recognition of MoEF & CC whenever required.

E. AUDIT PROCEDURE

I. FUNCTIONS OF AUDITOR

The Empanelled Auditor on receiving Board recognition shall:

- (a) Conduct audit of the GSPCB allotted Organizations as per schedule provided
- (b) Identify opportunities and make recommendations for improvements in environmental performance of the Organization
- (c) Provide an objective, third-party report that meets GSPCB's requirements.
- (d) The auditor shall thoroughly ascertain about all the products/by products, manufactured by the Organization and its related processes & report to the GSPCB immediately by verifying excise registers, Invoices usage of raw materials and other production related documents, if there are any discrepancies
- (e) Provide the information required to develop an Environmental Management Plan (EMP) in the event of any significant findings of negative impacts to the environment
- (f) It shall be open to the auditors to make such recommendation as they may think fit for improvement of the existing environmental management system in the Organization audited, but such recommendation shall not bind the GSPCB in any manner. The recommendation of the GSPCB will be technically and scientifically assessed and the decision of the Board Chairman will be final and so intimated
- (g) Ensure high levels of integrity, sincerity and ethics shall be maintained and practiced by the auditors
- (h) Ascertain & report to GSPCB about the compliance made by Organization of the previous year's recommendations/observations of the auditor in the EARs.
- (i) Report about % reduction in steam/water consumption, mass balance (water, water and solid waste), power consumption & consumption of raw materials etc. carried out by the industries in its observations in the EARs compared to the previous year.
- (j) Pursue, emphasize and recommend about adoption of clean technology/cleaner production, waste segregation, waste minimization, waste reduction, waste exchange, reuse & recycling of effluents etc. & report the same in EARs.
- (k) Guide the industry if possible if any query is raised by the industry.
- (l) Ensuring review of timely closures of Non conformances (NCf) or Non Compliances (NCp) or Corrective Action Preventive Action Plans or related observations jointly with the Organization
- (m) Conduct audit in the audit period prescribed i.e financial year ending March and submit the EAR within 15 days of completion of the audit, and the last, no later than by the 30th of April every year.

II. ENVIRONMENTAL AUDIT REPORT SUBMISSION (EAR)

- (a) The EARs must include observations covering each of the seasons under audit, based on the analysis report of the Moef approved Laboratory or Board laboratory for effluents (water + waste water + Solid/hazardous waste + Noise + Weather data as case may be and other pollutants as auditor feels so, etc.) from all discharge points & submit all data of three observations in EARs, otherwise EARs shall be considered incomplete and can be rejected.
- (b) The auditor must prepare and submit the EAR of Organizations under audit within 15 days of completion of the audit.
- (c) The EAR shall be submitted to the Board with a copy marked to the Organization, which will be forwarded by GSPCB within 7 working days of receipt to the Organization to

initiate necessary closure of Root Cause Analysis-Corrective and Preventive Action Plans.

- (d) The auditor must clearly report to the Board all critical findings about any inconsistency and malpractice being committed/practiced by the Organization as listed in Sr. 2 (e.g. dilution of effluents, illegal discharge, production without permission, by pass of untreated effluent or any other activities which are likely to create environmental pollution problems & contrary to the directions issued through consent orders & other orders under the different Acts, by the Board) after every inspection within 24 hrs and important recommendations after every inspection as immediately as possible but not later than 3 days and submit Final EAR within 15 days of completion of the Audit.

II. CONTENT OF AUDIT REPORT

- (a) EAR's and its reported findings and conclusions should be:
- Clear, timely, concise, easy to understand and objective;
 - provide a fwater summary of all the relevant facts; and
 - demonstrate conformity with the related Environmental requirements
 - Properly analyzed and concluded, and
 - Supported by adequate, reliable, and fwater audit evidence
- (b) The EAR should consist of:
- (i) A title page clearly briefly Indicating AUDIT aim with Organization name
- (ii) Table of Contents
- (iii) Executive Summary comprising of:
- Description of the Organization Process and facilities(Main, ancillary (related) and Environmental control operations)
 - Description of the environment
 - Contractors and Activity Descriptions
 - Summary of findings
- (iv) Introduction comprising of :
- Audit Scope,
 - Audit Objectives identified, and
 - Audit Criteria identified
 - Auditors and Auditees (Organization representatives who were key contacts for the audit and describe their roles and responsibilities with regard to the audit.)
 - Reference Documents (include a list of documentation reviewed prior to the audit (e.g., Consents, Directions, previous EARs, environmental assessments, permits, complaints or any other reference deemed relevant.).
- (v) Site Activity Report comprising of
- (aa) List of Organization Facilities
- (ab) Developments if any
- (ac) Assessments of internal controls
- (ad) Assessments of Organizations Environmental Management Systems and Management Commitment
- (ae) Typical Environmental Management Plan (that can be) evaluated as applicable
- Water Quality Control Plan
 - Water Quality Control Plan (Waste and wastewater management)

- Waste Management Plan (Waste segregation, management and disposal, Monitoring on pollution assessment and performance evaluation of pollution control devices made by the Auditors)
- Resources Control Plan (Material, Production mass balance Energy, Fuels and equipment management)-

(Figures or production of products, by products, consumption of Resources like raw materials, figures regarding use of water, fuel consumption and other material utilization to maximize the yield with respect to National/International bench mark mentioned in the Format of Environmental Audit Reports prepared by Auditors.)

- Soil and Groundwater Contamination Control Plan (Land, water and groundwater management)
- Marine Ecology Control Plan
- Terrestrial Ecology Control Plan
- Process Material Handling Plan(Hazardous and Non Hazardous materials management)
- Noise and Vibration Control Plan (Noise engineering management)
- Traffic Management Plan (Vehicle and its distribution Management, Status of Pollution under Check(PUC's) permits)
- Erosion and Sediment Control Plan
- Other Environmental Program.

(af) (Gathering of) Audit evidence

(ag) Interviews with Personnel/ground staff if any

(ah) Identification and assessments of Incidents and Complaints if any

(vi) Audit Findings of

- Environmental Management Systems and Management Commitment (Comments on the Organization's procedures for determining, setting, and communicating organization's environmental policies and objectives, as well as the overall commitment of senior management to meeting environmental requirements. Supported by evidence of efforts to monitor, measure, and report environmental performance.)
- Previous Audit Results (comments on the Organization's mechanisms to determine the root causes of any identified environmental concerns and on the effectiveness & sufficiency of the actions taken to correct such situations and prevent their recurrence. And should include the Management's support of the processes for implementing and tracking corrective and preventive actions)
- Non-conformances, Observations and Scope for Improvement (Tabulated based on priority based on degree of seriousness of environmental impact)
- Summary of Root Cause Analysis-Corrective Action-and Preventive Action Plan Status(This section should provide details on any new or previously identified corrective action(s) taken and/or planned in response to non-conformances and/or the observations and/or Scope for Improvement(s)identified, particularly those that have been repetitive or are ongoing issues at the site or facility. In particular, the Corrective Action Plan should include the detailed root cause analysis, type of any required corrective and preventive action, the current status (e.g. open, closed) of corrective and preventive action(s), the date of planned closure, and the date of actual closure and deviation from the committed target and the justification there off.)
- Incidents and Complaints
- Status of Environment Management Plans if any

- The EARs (Environment Audit Reports) shall be prepared and submitted by the auditors in Performa 1: EAR must be accompanied by efficacy & adequacy certificates in Performa 2 prescribed by GSPCB with duly signed acknowledgement by all the team members. If such reports will not be signed by all the team members then, the auditor will be derecognized and punitive action against the Auditor or industries/Project as listed in Sr. No. 2 will be taken, as the case may be.

(vii) CONCLUSIONS AND RECOMMENDATIONS

This section should include the conclusions of the audit with regard to

- The status of the conformity and compliance of the Organization's EMS with the Legal and/or other requirements, as well as
- The effectiveness of the Organization's EMS in meeting its environmental objectives.
- RCA-CAPA: the capability and commitment of the Organization management to resolve the issues identified.
- The auditor may propose to request Organization to adopt an Environment Management Plan(EMP) if issues are identified in the audit that are considered to be repetitive or are ongoing issues, or problems that present significant concern for environmental impact. The EMP is a Corrective Action Plan that must be submitted and approved by EAC and requires formal reporting of the resolution of the issues. Guidance regarding the requirements for developing an EMP should be provided by the Auditor to facilitate the Organization to achieve an effective solution
- The EAR should have recommendations to address any significant non-conformances or deficiencies, including allocating priorities for corrective action. Any recommendations should be specific and detailed enough to allow GSPCB and Organization management the ability to evaluate the feasibility and appropriateness of implementing the recommendation. Types of recommendations might include further investigation of an issue or implementation of emissions control technology or environmental pollution control best management practices. The emphasis of recommendations should be on removing the source of the problem rather than the use of command-and-control (or end-of-pipe) technology.

The recommendations should be brief and concise to allow Organization management to address the issue and GSPCB & EAC to assess adequate resolution of the same.

(viii) Attach Annexures:

- Audit evidence (records, procedures, photographs, supporting documents etc.)
- Audit Protocol (Checklist) duly signed by the Auditing team
- Figures (if any)
- Graphs (if any)
- Tables (if any)
- Any other detail felt relevant

The above format is the bare minimum required to be included in the EAR and is open for further additions by the Auditor if felt necessary.

Note: Consult COINDS document of CPCB, BAT document of European union, USA EPA document or any other relevant document to develop to banch mark.

F. POST AUDIT ACTION

I. ACTION/DIRECTON BY THE BOARD

- (a) The BOARD on receiving the EAR from the Recognized Auditor will check status of compliance of the CAPA in the audited Organization, after the stipulated post Target dates and present the status to EAC for their necessary comments with Scientific and Technical comments if any

- (b) Organizations failure to submit compliance to the observations in the EAR with the requisite closures of Non Conformances, Non compliances, Root Cause Analysis-Corrective and Preventive Action Plan may lead to appropriate legal action by GSPCB which may also include disconnection of water/power supply to the industry including closure and or levy of Polluter Pay Penalty.
- (c) Where the Audit report of a particular industry industry/operation/process/activity indicates that the industry does not meet with the requirements as prescribed by or under the aforesaid statutory provisions and that the industry has not complied with terms and conditions of CTE/CTO and those contained in any general of special circular/order of GSPCB, the industry shall be liable for appropriate directions which include direction of closure, after verification of the status of CAPA closures by stipulated dates.

II. ACCOUNTABILITY/LIABILITY OF THE AUDITORS/INDUSTRIES

- (a) If the information provided by the Organization is found to be incorrect or inaccurate the Organization shall be liable to be subjected to the appropriate direct direction.
- (b) The Auditor whose report is found to be incorrect or inaccurate of particular industry then that EAR shall be rejected and action against the auditor will be taken accordingly.
- (c) The Organization has the right to complain against the recognized environmental auditor if felt essential due to misdemeanor or malpractice. In such a case the Organization can register a written complaint against auditor to GSPCB within 15 days of the said grievance, with supporting evidence and due justification. Complaints against the actions or conduct of a certified auditor will be reviewed and investigated by EAC. The EAC will investigate and if validated or substantiated, the complaint may result in cancellation of recognition of the auditors and blacklisting them. However, if the complaint is found to be without merit, the Organization will be appropriately penalized

III. APPEALS

- (a) Any person aggrieved by an order made by the Board under section 16 or section 17 may within thirty days from the date on which the order is communicated to him, prefer an appeal to Appellate Authority constituted under section 28 of Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974).
- (b) On receipt of an appeal preferred under sub-section (1), the Appellate Authority shall after giving the Appellant and Board an opportunity of being heard, dispose of the appeal as expeditiously as possible.

G. FORMAT FOR THE ENVIRONMENTAL AUDIT REPORT

(To be submitted in triplicate)
(Period from..... to)

To,
The Member Secretary
Goa State Pollution Control Board
1ST floor, Dempo Tower
Patto Plaza Centre
Panjim-403001

A.	GENERAL	
1.	Name of the Industry/operation/process/activity	
2.	Location:	
3.	Registered office Address:	
4.	Month and year of establishment:	
5.	No. of workers employed:	
	Male	
	Female	

6.	No. of electrical connections with service numbers:	
	Total connected load	
	Electric consumption per tones of product manufactured:	
	Percentage enhancement in energy:	
	Saving as compared to previous year:	
7.	Number of D.G. Set and their capacity:	
8.	Name/Residential address of all Directors/ Partners:	
9.	Telephone Nos.: (Residential & Industrial)	
	Fax No:	
	E-mail of Industry:	
	E-mail Partners/Directors:	
10.	No. of shifts and timings:	
11.	Name & Address of the in charge of Environment/Safety Division/Cell/Unit:	
12.	No. of days during which production activities were in operation during the audit period covered:	
13.	Has the industry obtained ISO 9000/ISO 14000/OSHAS 18000/Any other EM accreditation/Certification	
14.	Whether the industry has adopted cleaner production/cleaner technology/CDM?	
B.	PRODUCT DETAILS	
1.	Name of products (s) & capacity yield/purity per day,	
2.	Efficiency of production (or production yield)	
3.	Name of all by products and its quantity per day:	
4.	Date of commencement of production for each product. Whether production is as per consented quantity:	
5.	All raw materials required per kg of the Products(s):	
6.	Whether the manufacturing process is continuous or batch wise:	
	Indicate the batch capacity:	
	If the process is in batch operation, No. of batches/month along with the duration of the completion of each batch:	
7.	Detailed manufacturing Process with schematic flow diagram:-	
	List of unit operation and processes and with all chemical reactions along with the time required (in hrs.) for	
(C)	WATER	
1.	The quantity of water consumed per day as per tones of product manufactured: (Attach water balance diagram)*over the last three years:	

2.	The quantity of waste water (trade effluent) generated per tones of each product per day, as well as per batch*over the last three years.	
3.	The particulars of effluent treatment plant (Attach separate sheets)	
	Name and size of each unit	
	Capacity of ETP	
	Flow diagram and Hydraulic diagram, of ETP to be submitted:	
	Whether lighting arrangement around ETP is provided:	
	Whether separate energy meter is installed for effluent treatment plant. If Yes -readings of the meter for consumption every month:	
	Calibration status and validity of energy meter	
	Whether flow meters are provided at the inlet and outlet of ETP. Please indicate the type of the flow meter and calibration status if valid	
4.	The method of disposal of final treated effluent and the point of disposal (please attach sketch):Is it in line with the valid Consent Requirements ?	
5.	The quantity of trade effluent at the inlet and outlet of ETP and at various stages of treatment (Attach separate sheets):	
6.	The quantity and quality of sewage and its method of treatment and disposal (Attach separate sheets):	
	a) As per norms:	
	b) Total pollution load*:	
7.	The open area available for disposal of the effluent	
8.	Whether the quality of treated effluent meets the specified norms:	
	If no, the extent of deviation and reason thereof:	
9.	Improvement in effluent quality and quantity since previous environmental audit based on performance evaluation of effluent management system:	
	If yes, provide details (Attach separate sheets):	
10.	Retrofitting undertaking to improve performance of ETP:	
	If yes, provide details:	
11.	Major problems encountered during operation of effluent treatment facilities, if any and reasons thereof:	
12.	The details about the Operator/Chemist responsible for operation and maintenance of effluent treatment plant:	
	Name of the operators/employees:	
	Qualification & Experience of each Operator/employee whether trained in such operation or not:	

	Salary of operators/employees.	
	Operator using PPE, pls specify type	
	Maintenance and downtime Register maintained and updated, Response time for rectification	
13	The current status of consent under the Water Act-1974:	
D.	Water	
1.	No. of the flue gas stacks, their height (from ground level) nature and consumption of fuel:	
2.	The details pertaining to the stack monitoring facilities:	
3.	Number of process stacks, their height (from ground level) source, expected pollutants and the details pertaining to the provisions of stack monitoring facilities:	
4.	The quality of emission from each flue gas stack and the process stack and the extent of deviation from them:	
	Pollution Load determination	
5.	The ambient water quality within the factory premises, along with the number of ambient water quality monitoring stations outside the industry:	
6.	The status of consent under the water Act-1981:	
7.	The details of water pollution control measures for all process and flue gas stacks	
8.	Improvement in emission quality since previous environmental audit based on performance evaluation of water pollution management system:	
	If yes, Provide details. (Attach separate sheets):	
9.	Retrofitting undertaken to improve emission quality. If yes, provide details:	
10.	Major problems encountered during operation of control device, if any and reasons there of:	
11	equipment status	
* Whether production is as per consented quantity		
NOTE: Total pollution load each for water, water and hazardous waste should have mentioned along with the quality of effluent, emission or solid waste as the case maybe. Whether measures taken for reduction of pollution load.		
E.	HAZARDOUS (SOLID) WASTE	
1.	The quantity, sources and composition of hazardous waste/solid waste from each process/sources over the last three years. (Total sludge generation per tonne of product):	
2.	(a) The method of storage, treatment and disposal of hazardous/solid waste:	
	The details should include area of storage and disposal and whether storage and disposal system is covered and made impervious (pucca):	

	The quantity of Hazardous waste sent to TSDF.				
	Please also indicate how the quantity of hazardous/solid shall be reduced in next three months:				
	(b) The data/information about leachate generation, quantity and characteristics and treatment facility				
3.	The status of authorization under the EPA-86 for solid waste				
4.	Plan, if any to reduce hazardous waste generation or its recycling.				
F.	SITE PLAN				
1.	The site plan showing the location of effluent treatment plant, final point of disposal of effluent, sampling point, drainage line, stacks, solid waste storage, disposal area and green belt (its width).				
(G)	RESOURCE RECOVERY				
1.	The details regarding resource recovery including treated effluent for recycle/reuse from environmental pollution control system including effluent treatment plant:				
	The details regarding resource recovery/by product recovery from manufacturing process by using cleaner production technology:				
	Energy/Fuel consumption/unit production				
(H)	ACCIDENTS				
1.	The details of accidents in the factory if any and remedial measures taken				
(I)	SAFETY MEASURES				
1.	General Environment of the factory. Please tick (✓) the appropriate column				
a.	Housekeeping	Good	water	Poor	
b.	Dustiness	High	Medium	Low	
c.	Lighting	Good	water	Poor	
d.	Ventilation	Good	water	Poor	
2.	Whether the following personal protective equipment PPC are provided to all the workforce (employees & Contract Workers)				
			Is yes, How many?		
	Goggles	Yes / No (utilization level)			
	Gloves	Yes / No (utilization level)			
	Gumboot	Yes / No (utilization level)			
	Helmet	Yes / No (utilization level)			
	Skin cream	Yes / No (utilization level)			
	Soap	Yes / No (utilization level)			
	Ear plug	Yes / No (utilization level)			
	Face masks	Yes / No (utilization level)			
	Clothing	Yes / No (utilization level)			
3.	The details of facilities for disaster management/gas leakage.				
4.	Whether on site/off site emergency plans are prepared and are being implemented/ upgraded regularly; please give details				
5.	Whether records of occupational hazards are maintained?				

6.	Health checks conducted?	
7.	Preventive measures adopted to minimize occupational hazard.	
8.	Compliance with work exposure	
9.	Noise level status	
(J)	REMEDIAL MEASURES	
1.	The details of sources; monitoring and measures taken for control of noise pollution in and around the industrial premises:	
2.	The measures taken for prevention treatment and control of odour nuisance in and around the industrial premises:	
3.	The details in respect of cases/complaints under the Water Act-1974, the water Act-1981 and the Environment (P) Act, 1986:	
4.	The compliance report with respect to all the conditions of NOC/Consent (Under all the Acts):	
5.	Incidents of spillages, leakages etc. and remedial measures thereof	
6.	Whether insurance policy obtained under PLI Act. Yes/No	
(K)	WATER CESS	
1.	The details regarding payment of the Water cess for the previous and current year:	
(L)	The name and address of the Consultant engaged by the Company/Industry	

Note, if No. reason thereof

It is hereby declared that all the information submitted in and with respect to this format correct and we will be responsible for any lapse regarding incorrect or incomplete information. The Root Cause Analysis along with CAPA is attached here with.					
A.			B.		
Name and signature of the responsible persons industry/organization/Institute/CETP/TSDF with the stamp			Name and signature of all the members of the Audit Team		
Sr.	Name	Sign	Sr.	Name	Sign

H. ADEQUACY CERTIFICATE OF ORGANISATION'S ENVIRONMENTAL MANAGEMENT SYSTEM

Mr/Mrs/M/s. _____ of _____ is recognized by the Goa State Pollution Control Board vide order No. _____ dated _____ as an Environmental Auditor for the purpose of the auditing, having carried Environmental audit of:

M/s _____

Located at _____

Manufacturing products:

Product (s) _____

Capacity _____

Having completed the environmental audit based on personal monitoring, and audit report, prepared as per the notification via order No. _____ dated _____. It is certified that the Environmental Management System (EMS) provided by this industry for the products manufactured and capacity as stated above is * _____ to achieve the quality of effluents (water +

Waste Water + Solid Waste) as specified in Consent/Notifications by GSPCB, Panjim for the following quantity of waste generation:

Liquid effluent	_____m ³ /day
Solid / Hazardous waste	_____m ³ /day
water emissions (flue gas stacks as well as process stacks)	Adequate / Not adequate. Efficacious / Not efficacious (pl. strike which is not applicable)

This certificate is valid for the Audit report only. However, it is subject to automatic cancellation in case of any change in product profile/capacity, quality and quantity of effluent emission (Water + Waste Water + Solid /Hazardous) and efficiency of EMS equipments.

This Certificate forms part of Environmental Audit Report

Name and address of the Environmental Auditor

Signature of the Environmental Auditor

Date:

Place:

*here write, whether adequate and efficient or inadequate and inefficient as applicable

I. CERTIFICATE FOR SAMPLING AND ANALYSIS

This is to certify that the following samples of emissions (water, water, waste water, solid and hazardous wastes) have been collected and analysed as per the following details:

Sample details	Sampling location	Collected by	Sample collection		Method of sample collection	Std. Analysis method
			Date	Time		

1.	Parameters analysed on site	
2.	Parameters analysed off site	
3.	Whether samples were preserved as per standard procedure for offsite analysis: Yes/No	
4.	Parameters analysed by auditors team:	
5.	Parameters analysed by third party:	
	Name & Address of laboratory:	
	Whether the laboratory is classified under Schedule I of the GSPCB	
6.	Method followed for analysis:	
	water emission:	
	Water/Waste Water:	
	Solid Waste:	
	Hazardous Waste:	

This is to certify that the third party laboratory in which the analysis has been done is approved under EPA/Accredited by NABL/recognised under GSPCB.

Name and address of the Laboratory

Signature of Authorised Signatory of the Laboratory

SCHEDULE III

BUDGET AND ACCOUNT HEADS

[See rule 27(3)]

ADMINISTRATION

Head of Accounts (Expenditure)

1. Salaries
2. Wages
3. Travel Expenses
4. Office Expenses
 - (a) Furniture
 - (b) Postage
 - (c) Office Machine/Equipment
 - (d) Liveries
 - (e) Telephones
 - (f) Electricity and Water Charges
 - (g) Stationary
 - (h) Printing
 - (i) Staff car and other vehicles
 - (j) Other items
5. Fee and Honoraria
6. Payment for professional and special services
7. Rents, rates and Taxes/Royalty
8. Publication
9. Advertising, Sales and Publicity Expenses
10. Grants in aid/Contribution/Subsidies
11. Hospitality Expenses/Sumptuary/Subsides
12. Pensions/Gratuities
13. Write off/Losses
14. Suspenses
15. Expenses in connection with the setting up and maintenance of the Board Laboratory.
16. Other charges (A residuary head, this will also include rewards and prizes)

Head of Accounts (Receipts)

1. Payments by Government
2. Fees
3. Fines and other Receipts

Notification

31-9-2010-STE-DIR/Part-I/Vol.IV/977

In exercise of the powers conferred by sub-sections (1) and (2) of section 54 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981), and in consultation with the Goa State Pollution Control Board, conveyed vide No. 8/25/13-PCB/Vol X/Adm/19634/Tech/7864 dated 29-07-2021, the Government of Goa hereby makes the following rules, namely:—

1. *Short title and commencement.*— (1) These rules may be called the Goa Air (Prevention and Control of Pollution) Rules, 2021.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. *Definitions.*— (1) In these rules, unless the context otherwise requires,—

(a) "Act" means the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981);

(b) "Air pollutant" means any solid, liquid or gaseous substance [(including noise)] present in the atmosphere in such concentration as may be or tend to be injurious to human beings or other living creatures or plants or property or environment;

(c) "Board" means the Goa State Pollution Control Board constituted under section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(d) "Chairman" means the Chairman of the Board;

(e) "Chimney" includes any structure with an opening or outlet from or through which any air pollutant may be emitted.

(f) "Conformity" means fulfillment of a requirement to the Consent conditions or directions issued by the Board from time to time;

(g) "Consequence" means an outcome of an event affecting objectives;

(h) "Control Equipments": means any apparatus, device, equipment or system to control the quality and manner of emission of any air pollutant, an includes any device used for securing the efficient operation of any industrial plant;

(i) "Correction" means action to eliminate a detected nonconformity;

(j) "CPCB" means Central Pollution Control Board constituted under section 3 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(k) "CTE" means Consent to Establish;

(l) "CTO" means Consent to Operate;

(m) "Effluent" includes any liquid, gaseous or solid substance which is discharged from any organization/ premises used for carrying on any activity, Industry, operation or process, or treatment and disposal system including domestic sewage;

(n) "Emission" means any solid or liquid or gaseous substance coming out of any chimney, duct or flue or any other outlet;

(o) "Environment" means the surroundings in which an organization operates, including air, water, land, natural resources, flora, fauna, humans and their interrelationships;

(p) "Environmental Audit" mean an audit conducted by an Empanelled Environmental Auditor of the State Board or officials of the State Board;

(q) "Environmental Audit Committee" (EAC) means an Expert Committee constituted by State Board to assess the Environmental Audit reports submitted by the Environmental Auditors and recommend action;

(r) "Environmental Audit Conclusion" means outcome of an audit, after consideration of the objectives and all audit findings;

(s) "Environmental Audit Criteria" means the set of policies, procedures,

supporting records or requirements which are used as a reference against which audit evidence is compared;

(t) "Environmental Audit Evidence" means records, statements of fact, reports or other information which are relevant to the audit criteria and are verifiable;

(u) "Environmental Audit Findings" means results of the evaluation of the collected audit evidence against audit criteria, indicating conformity or nonconformity and additionally observations and scope for improvement;

(v) "Environmental Audit Plan" means description of the activities and arrangements for an audit;

(w) "Environmental Audit protocol" means the checklist used by Empanelled Auditors of the Board as the guide for conducting the Environmental audit;

(x) "Environmental Audit Scope" means extent and boundaries of an audit;

(y) "Environmental Audit Team" means an Audit team which shall consist of minimum 3 members with an independent Technical/Scientific Expert, if felt required. The qualifications of the team members should be varied to ensure a wider cover having requisite technical and scientific expertise relevant to the Organizations processes and related activities. The composition of the Audit Team shall be as specified in Schedule II;

(z) "Environmental Auditee" means the Organization/Industry and its work force (consisting of employees and contractual or related workers), represented by an authorized full time employee of the organization being audited, no lesser than a representative of senior management;

(aa) "Environmental Auditor" shall mean Goa State Pollution Control Board (GSPCB) empanelled Environmental Auditor from Engineering colleges/Scientific Institutions/ Colleges, Universities, ISO Certified

Agencies, Officials of the State Board or any other expert the Board deems fit for conducting an Environmental Audit;

(ab) "Environmental Audit Report" shall mean the Environmental Audit report prepared by the Empanelled Environmental Auditor of the State Board or the Officials of the State Board;

(ac) "Event" means an occurrence or change of a particular set of circumstances with or without consequences and can sometimes be referred to as an "incident" or "accident". An event without consequences can also be referred to as a "near miss", "incident", "near hit" or "close call";

(ad) "Form" means form appended to these Rules;

(ae) "Government" means the Government of Goa;

(af) "Likelihood" means chance of something happening;

(ag) "Member Secretary" means the Member Secretary of the Board;

(ah) "Major Non conformity" means Non operation/inefficient operation of the Air Pollution Control Equipments/ Measures and/or non-fulfillment/violation of the standard of emission prescribed in the consent or direct violation of specific statutory environmental obligation by the Occupier or act of omission of the occupier or negligence on his part whether by any accident or otherwise;

(ai) Minor Non conformity means non-fulfillment of a requirement of the Consent condition which includes non submission of reports or maintenance of records as specified in the Consent Conditions and which is not defined as major Non conformity;

(aj) "Occupier", in relation to any organization, operation or process, premises, means the authorised person who has documented control over the affairs of the factory or the premises, and

includes, in relation to any substance, the persons in possession of the substance;

(ak) "Schedule" means a Schedule appended to these rules;

(al) "section" means a section of the Act;

(am) "Sewage" means effluent from any sewerage system or sewage disposal works and includes sullage from open drains;

(an) "State Air Laboratory" means a laboratory as referred in sub-section (1) of section 28 of the Act;

(ao) "State Board Laboratory" means a laboratory as referred to in sub-section (2) of section 17 of the Act;

(ap) "Total estimated investment" means the total estimated value of the proposed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the value of land, building, plant and machinery including the value of leasehold land, building and premises and value of hired plant, machinery and equipment;

(aq) "Total Investment" means the total value of the completed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the value of land, building, plant and machinery including the value of leasehold land, building, and premises and value of hired plant, machinery and equipment;

(ar) "Year" means the financial year commencing on the first day of April.

(2) Words and expressions used and not defined in these rules but defined in the Act shall have the meanings respectively assigned to them in the Act.

3. *Travelling allowance, daily allowance and other allowances for members.*— (1) The member of the Board shall be entitled to payment of travelling allowance as admissible to the Grade I Officer of the Government from the Board's fund for the journey performed by him for the purposes of the Board.

(2) Every member of the Board shall be entitled to payment of sitting fee at such rate as may be decided by the Board from time to time for each day of such sitting, in addition to travelling allowance.

(3) A member of the Board shall not be entitled to any travelling allowance for journey performed by him on first occasion to take charge of post and also after relinquishment of post.

(4) The Member-Secretary of the Board or any other Officer authorized by the Board shall decide about the sitting fees and travelling allowances of the members.

(5) A non-official member of the Board if he happens to be a member of the Legislative Assembly of Goa, he shall not be eligible for payment of travelling allowance if he has claimed travelling allowance for the same journey and period for which such allowance has been claimed in his bills for attending the meetings of the Legislative Assembly or any Committee thereof.

4. *Time and place of meetings of the Board and procedure to be followed at such meetings.*— (1) The meetings of the Board shall ordinarily be held at the head-quarter of the Board on such dates as may be fixed by the Chairman.

(2) The Chairman shall at his discretion or, upon written request of not less than five members of the Board or upon a direction of the Government, call a special meeting of the Board.

(3) Five clear days' notice for an ordinary meeting and two clear days' notice for a special meeting specifying the time and the place at which such meeting is to be held and the business to be transacted there at, shall be given by the Member Secretary to the members of the Board.

(4) Notice of a meeting of the Board may be given to the members of the Board by delivering the same by messenger or sending it by registered post to their last known place of residence or business or by email or in

such other manner as the Chairman may, in the circumstances of the case, deem fit.

(5) No member of the Board shall be entitled to bring forward for the consideration of the meeting any matter of which he has not given ten clear days' notice to the Member-Secretary, unless the Chairman, in his discretion, permits him to do so.

(6) The Board may adjourn the meeting from day-to-day or to any particular day, and no fresh notice shall be required for such adjourned meeting.

(7) No proceeding shall be invalidated merely on the ground that the provision in this rule relating to the notice is not strictly complied with.

5. *Presiding Officer.*— Every meeting of the Board shall be presided over by the Chairman and, in his absence, by an authority/officer as approved and notified by the Government.

6. *All questions to be decided by majority.*— (1) All questions at a meeting shall be decided by a majority of votes of the members present, and voting shall be by raising of hands in favour of the proposal.

(2) In case of equality of votes, the presiding officer shall have a second or casting vote.

7. *Quorum.*— (1) Five members shall form the quorum for any meeting.

(2) If at a time fixed for any meeting or during the course of any meeting a quorum is not present, the presiding officer shall adjourn the meeting and if a quorum is not present on the expiration of fifteen minutes from such adjournment, the presiding officer shall adjourn the meeting to such hours on the following or on some other future date as he may fix.

(3) No quorum shall be necessary for the adjourned meeting.

(4) No matter which had not been on the agenda of the original meeting shall be discussed at such adjourned meeting.

8. *Minutes.*— (1) Record shall be kept of the names of members who attended the meeting and of the proceedings at the meeting to be maintained by the Member Secretary and uploaded on the official website of the Board.

(2) The minutes of the previous meeting shall be read at the beginning of the every succeeding meeting, and shall be confirmed and signed by the Presiding Officer at such meeting.

(3) The proceedings shall be open for inspection to any member at the office of the Board during office hours.

9. *Maintaining order at meeting.*— The Presiding Officer shall maintain order at meeting.

10. *Business to be transacted at meeting.*— Except with the permission of the Presiding Officer, no business which is not entered in the agenda or of which notice has not been given by a member under sub-rule (5) of rule 4, shall be transacted at any meeting.

11. *Order of business.*— (1) At any meeting the business to be transacted shall be in the order in which it is entered in the agenda.

(2) Either at the beginning of the meeting or after conclusion of the debate on a motion during the meeting the Presiding Officer or a member may suggest a change in the order of business as entered in the agenda and if the majority of the members present agree, such a change shall take place.

12. *Procedure for transaction of business of committees constituted by the Board.*— (1) The time and place of the meetings of the Committees constituted by the Board under sub-section (1) of section 11 of the Act shall be as specified by the Chairman and the Member Secretary.

(2) The quorum for a meeting of such committees shall be half of the total number of members of the committee.

(3) The committee so appointed by the Board shall take decisions and convey the same to the Board.

(4) The committee may device its own procedure for transaction of its business at its meeting.

13. *Fees and allowances to be paid to members of the committee.*— A member of a committee shall be entitled to such travelling allowance and sitting fee as admissible to a member of the Board, and, if he is a Government Servant, he shall be entitled only to travelling allowance and dearness allowance at the rates, admissible under the relevant rules of the Government under which he is serving.

14. *Persons to be temporarily associated with the Board.*— The person temporarily associated with the Board shall be paid travelling allowance and sitting fee if he is a non-official, at the rates specified in rule 3 and if he is a Government Servant as specified in rule 13.

15. *Powers and duties to be exercised by the Chairman and the Member-Secretary of the Board and appointment of Officers and employees.*— (1) Subject to the policy approved by the Board, the general management of the affairs and business of the Board shall be with the Chairman who shall have power to do all things necessary or desirable for the management of affairs of the Board in carrying out its objectives.

(2) The Chairman may,—

(i) with prior approval of the Government undertake tours within India for carrying out the functions of the Board.

(ii) With the prior approval of the Government, visit any foreign country for carrying out the functions of the Board.

(3) The Chairman shall have power to accord administrative and financial sanction to all estimates without any financial limit in the allocation made for such purposes in the budget of the Board.

(4) In the matter of acceptance of tenders, the Chairman shall have full powers without any monetary limit.

16. *Powers and duties of the Member Secretary.*— The Member Secretary shall be

subordinate to the Chairman and shall, subject to the control of the Chairman, exercise the following powers, namely:—

(i) the Member Secretary may undertake tours within India for the performance of duties entrusted to him by the Board provided that he shall keep the Chairman informed of his tours and obtain the previous permission from the Board for his tours outside the State of Goa.

(ii) the Member Secretary shall be in charge of all the confidential papers of the Board and shall be responsible for preserving them.

(iii) the Member Secretary shall produce such papers whenever so directed by the Chairman or by the Board.

(iv) the Member Secretary shall make available to any member of the Board, for his perusal, any record of the Board.

(v) the Member Secretary shall be entitled to issue any direction to any officer or employee of the Board, and call at any time, any file, paper and document, from any section/department of the Board, for checking of accounts, vouchers, bills and other records and stores pertaining to the Board or regional offices there under.

(vi) the Member Secretary may withhold any payment, provided that as soon as may be after such withholding of payment the matter shall be placed before the Board for its approval.

(vii) the Member Secretary shall make all arrangements for holding meetings of the Board and meetings of the committees constituted by the Board.

(viii) all orders, instructions, directions, notices, communications, consents, authorizations or registrations to be issued by the Board shall be under the signature of the Member Secretary or of any other Officer authorized in this behalf by the Chairman or the Board.

(ix) the Member Secretary shall be authorized to sanction or pass and make all payments against estimates sanctioned, within the allocations made for such purposes in the budget approved by the Board.

(x) the Member Secretary shall write and maintain confidential reports of all subordinate officers of the Board and shall get them countersigned by the Chairman.

(xi) (a) the Member Secretary shall sanction the annual increments of the officers of the Board subordinate to him.

(b) the annual increments of officers which the Member Secretary is not competent to sanction shall be sanctioned by the Chairman.

(xii) the Member Secretary shall have full power for according technical sanction to all estimates.

(xiii) the Member Secretary shall exercise such other powers and perform such other functions as may be delegated to him from time to time either by the Board or by the Chairman.

(xiv) the Member Secretary shall have power to execute contract, deed, instrument and assurance of property and in particular (a) all service agreements (b) security bonds (c) conveyance, lease of immovable property and, (d) assurances required by law or otherwise.

(xv) the Member Secretary shall have power to engage legal advisors, Advocates, Attorneys on the terms and conditions to be approved by the Board.

(xvi) the Member Secretary or any other Officer authorized by the Chairman or the Board shall have power to make and give receipts in respect of the claims of and demands on the Board.

(xvii) the Member Secretary shall have power to purchase materials and equipments for execution of construction

works up to a limit of the allotments made from time to time.

(xviii) the Member Secretary shall have power to sanction installation of telephones/broadband/internet connections, etc. in the office of the Board.

17. *Appointment of Consultant.*— (1) For the purpose of assisting the Board in the performance of its functions, it may appoint a Consultant for a specified period not exceeding one year:

Provided that the Board may, with the prior approval of the Government extend the period of such appointment from time to time:

Provided further that if at the time of the initial appointment, the Board had reason to believe that the services of the Consultant would be required for a period of more than one year, the Board shall not make the appointment without the prior approval of the Government.

a. The Board may pay such emoluments or fees to the Consultant depending on the nature of work and his qualifications and experience:

Provided that the Board shall not appoint any person as Consultant without the prior approval of the Government, if the emoluments or fees payable to him exceeds Rs. 1,00,000/- (Rupees one lakh only) per month.

18. *Power to terminate appointment.*— Notwithstanding the appointment of a Consultant for a specified period, the Board shall have the right to terminate the services of the Consultant before the expiry of the specified period, if in the opinion of the Board, he is not discharging his duties to the satisfaction of the Board or if such a course of action is necessary in the public interest.

19. *Tours by Consultant.*— The Consultant may undertake tours within the State of Goa with prior approval of the Chairman for the

performance of the duties entrusted to him by the Board and in respect of such tours, he shall be entitled for travelling and daily allowances as admissible to Grade I Officer of the Government.

20. Consultant not to disclose information.— The Consultant shall not disclose any information either given by the Board or obtained during the performance of the duties assigned to him either from the Board or otherwise, to any other person without the written permission of the Board.

21. Duties and functions of the Consultant.— The Consultant shall discharge such duties and perform such functions as are assigned to him, by the Board and he shall be duty bound to advise the Board on all technical matters referred to him by the Board.

22. Form of notice.— The notice referred in clause (a) of sub-section (3) of section 26 shall be made in Form I hereto.

23. Form of Report of the Board Analyst.— The report referred in sub-section (1) of section 27 of the Act shall be in Form II hereto and submitted in triplicate.

24. Form for submission of sample to State Air Laboratory and report of the Government Analyst.— The submission of the sample of air or emission shall be sent for analysis under section 26 of the Act to the State Air Laboratory by a letter in Form III hereto. The report referred in sub-section (3) of section 27 of the Act shall be in Form IV hereto and submitted in triplicate.

25. Application for consent of the Board.— (1) The application referred in sub-section (2) of section 21, shall be made online on the website of the Board at www.goapcb.gov.in as applicable and it shall be accompanied by,—

(a) a certificate from the Chartered Accountant in Form V hereto which shall include value of leasehold land, building

and premises and value of hired plant, machinery and equipment;

(b) land allotment/earmarking letter or lease/sale deed;

(c) flow chart and detailed production process;

(d) copy of Project Report for projects costing 5 crores and above;

(e) site Plan (not required for units to be set up in Industrial Estates);

(f) layout plan showing the locations of Manufacturing equipment, water supply/drainage lines, position of Chimneys, effluent/sewage treatment plant and final discharge point, sludge solid waste disposal points and septic tank/soak pits;

(g) Detailed material balance, water balance for Industries categorised under Red and Orange and large scale Industries under green category;

(h) for large enterprises covered under the Schedule of Environment Impact Assessment Notification, 2006 as amended from time to time, copy of the Environment Impact Assessment Study Report.

(i) copy of the prior Environment Clearance issued by the competent Authority as applicable for projects listed in the Environment Impact Assessment Notification, 2006 as amended from time to time.

(j) site plan showing surrounding residential area, public places, water streams, etc. of the proposed factory/operation/process/mine/quarry site within a radius of five Kilometers with Waste water treatment and disposal systems clearly indicating where waste water is proposed to be disposed off after treatment (for medium and large scale enterprises)

(k) schematic sketch of the proposed Effluent/sewage treatment system/plant

(ETP/STP) and or septic tank or soakpits duly signed by Authorised person along with detailed design calculation as applicable.

(l) original Authorisation letter of the person to whom authorisation is made to sign this application form except individual proprietary concern.

(m) any other document/clarification as requisitioned by the Board.

(n) fees as specified in the Table 1(A), 1(B) and 1(C) of Schedule I appended hereto as applicable, to the respective category of industry.

(2) An application without requisite fee shall not be entertained by the Board.

(3) The fees shall be paid by a bank draft or NEFT/RTGS or NET Banking in favour of the Board.

(4) The Consent to Establish issued by the Board shall be valid for a period of five years from the date of issue.

(5) The Categorization of Industries/ establishments as Red, Orange, Green category shall be as specified in Table 3 annexed herewith.

(6) When any industry, operation, process, treatment/disposal system or/and extension/addition thereto is established, an application for consent to operate/renewal of Consent to Operate under sub-section (2) of section 21 of the Act shall be made online on the website of the Board www.goapcb.gov.in as applicable to the respective category of industry, operation or process at least two months prior to the scheduled date of commencing operation, and shall be accompanied by,—

(a) a certificate from the Chartered Accountant as specified in Form V which shall also include value of leasehold land, building and premises and value of hired plant, machinery and equipment;

(b) copy of the previous Consent issued by the Board.

(c) stack analysis report/analysis report of treated effluent/sewage wherever applicable.

(d) any changes/modifications carried out in the Industry/operation or process after obtaining previous Consent;

(e) in case of Renewal of Orange and Green Category Industry, application for Auto Renewal to be accompanied by an Affidavit as specified at Annexure 'B' in SCHEDULE I hereto;

(f) fees as specified in the Table 2(A), 2(B) or 2(C) of Schedule I as applicable to the respective category of industry;

(g) an application without requisite fees shall not be entertained by the Board;

(h) the fees referred herein shall be paid by a bank draft or NEFT/RTGS or NET Banking in favour of the Goa State Pollution Control Board;

(i) the Validity of Consent to Operate and renewal of Consent to Operate shall normally be five years for Red category, ten years for orange category and fifteen years for green category industry, operation or process;

(j) an application for renewal of consent to operate submitted upon expiry of the validity period shall also be accompanied by late fees equivalent to 50% of the fees payable for renewal.

26. *Manner of enquiry in respect of application for consent.*— (1) On receipt of an application for consent under section 21 of the Act, the Board may depute any of its officers, accompanied by as many assistants as may be necessary, to visit the premises of the applicant, to which such application relates for the purpose of verifying the correctness or otherwise of the particulars furnished in the application or for obtaining

such further particulars or information as the Board may consider necessary as specified under sections 23, 24 and 25 of the Act. Such officer may, for that purpose, inspect any place where air emissions or air pollutant are discharged by the applicant or air pollution control equipments and measures and may require the applicant to furnish to him any plan, specification and other data relating to such air pollution control equipments and measures, systems or any part thereof, he considers necessary.

(2) Such officer shall before visiting any premises of the applicant for the purpose of inspection under sub-rule (1), give notice to the applicant of his intention to do so in Form VI hereto. The applicant shall furnish to such officer all facilities that such officer may legitimately require for the purpose.

(3) An officer of the Board may, before or after carrying out an inspection under sub-rule (1), require the applicant to furnish to him, orally or in writing such additional information or clarification, or to produce before him such documents, as he may consider necessary and may, for that purpose, summon the applicant or his authorized agent to the office of the Board.

(4) The Board shall conduct air quality monitoring of such units under sub-section (3) of section 21 and section 26 of the Act and shall levy such fees as specified by the Board from time to time.

(5) The Board shall conduct environmental audit under sub-section (3) of section 21 of the Act through an Environmental Auditor or Engineering/Scientific Institutions or Officials of the Board upon submission of Environmental Statement by the industry/ Organization and shall follow such procedure as specified in SCHEDULE II hereto.

(6) The Board shall constitute an Environmental Audit Committee comprising of such members as specified in SCHEDULE II hereto.

(7) The tenure of the Environmental Audit committee shall be for a period of 5 year.

(8) For the purpose of carrying out Environmental Audit the Board shall levy fees as per actual expenses incurred by the Board for conducting the Environmental Audit plus 25 percent administrative charges.

(9) The Board shall Empanel Environment Auditors by following such procedures as specified in SCHEDULE II hereto;

(10) The Institutions/Agencies/Professionals /Individuals eligible for Empanelment as Environment Auditor with the Board shall be as specified in SCHEDULE II hereto.

(11) The Environment Audit Committee shall review the Environment Audit Report submitted by the Environment Auditors and recommend such actions as specified in SCHEDULE II hereto;

(12) The Environment Audit Committee shall meet at least once in 3 months;

(13) The Empanelled Auditor shall conduct an Environment Audit as per the procedure and submit a Report as specified in SCHEDULE II hereto;

(14) The fee to be paid to the Empanelled Environment Auditor shall be in SCHEDULE II hereto.

27. *Form of budget.*— (1) Before the last day of the preceding financial year, the budget in respect of the ensuing year showing the estimated receipts and expenditure of the Board shall be prepared under section 34 of the Act in Form VII hereto;

(2) The estimated receipts and expenditure shall be accompanied by the revised budget estimates for the current year;

(3) The budget shall, as far as may be, based on the account heads specified in SCHEDULE III hereto.

28. *Submission of budget estimates to the Board.*— (1) The budget estimates shall be placed by the Member Secretary before the Board by the 5th October each year for approval.

(2) After approval of the budget estimates by the Board, four copies of the final budget proposals incorporating therein such modifications as have been decided upon by the Board shall be submitted to the Government by the 15th October each year.

29. *Estimates of establishment expenditure and fixed recurring charges.*— The estimates of expenditure on fixed establishment as well as fixed monthly recurring charges on account of rent, allowances, etc. shall provide for the gross amount without deductions of any kind.

30. *Re-appropriations and emergent expenditure.*— No expenditure which is not covered by a provision in the sanctioned budget estimates or which is likely to be in excess over the amount provided under any head, shall be incurred without the approval of the Board and by the Board without provision being made for re-appropriation from some other head, under which savings are firmly established and available.

31. *Power to incur expenditure.*— The Member Secretary shall have power to incur expenditure against allotments made in the budget estimates sanctioned by the Board and against sanctioned estimates out of the funds of the Board subject to observance of the general financial rules for the purposes of procedure.

32. *Operation of fund of the Board.*— The fund of the Board shall be operated by the Member Secretary of the Board and in his absence by any officer of the Board duly authorized by the Board in that behalf. The Board shall create and maintain a Corpus Fund.

33. *Form of annual report.*— The annual report referred in sub-section (2) of section 35 of the Act shall be in form VIII-hereto.

34. *Form of annual statement of accounts of the Board.*— The annual statement of accounts of the Board referred in sub-section (1) of section 36 shall be in Forms IX, X, XI, XII and XIII hereto.

35. *Audit of the annual statement of Account.*— The annual statement of account

of the Board shall be audited by an Auditor appointed by the Government for the purpose in consultation with the Office of the Comptroller and Auditor General in Goa.

36. *Directions of the Government.*— The Board shall comply with the directions issued by Government from time to time.

37. *Repeal and savings.*— (1) The Goa Air (Prevention and Control of Pollution) Rules, 1989 are hereby repealed.

(2) Notwithstanding such repeal any action taken or order issued under the provisions of the said repealed Rules prior to the commencement of these Rules shall, in so far as it is not inconsistent with the provisions of these Rules, be deemed to have been taken or issued under the provisions of these Rules.

By order and in the name of the Governor of Goa.

Dasharath M. Redkar, Director (Env't.) ex officio Jt. Secretary.

Panaji, 17th December, 2021.

FORM I

THE GOA STATE POLLUTION CONTROL
BOARD

Notice of intention to have sample analysed

(See rule 22)

To,

Take notice that it is intended to have analyzed the sample of air emissions/flue gas emissions/ambient monitoring/emissions which is being taken today the ... day of ... 20... from (†) ...

Name and designation of the person who takes the sample.

(t) Here specify the stream, well, plant, or place from where the sample is taken.

FORM II

Report by the Board Analyst

[See rule 23]

Report No. ...

Dated the ... 20...

I hereby certify that I, (*) ... Board Analyst duly appointed under sub-section (2) of section 29 of the

Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981), received on the (†) ... day of ... 20... (‡) ... a sample of ... for analysis. The sample was in a condition fit for analysis reported below:—

I further certify that I have analysed the aforementioned sample on (§) ... and declare the result of the analysis to be as follows:—

(§) ...

The condition of the seals fastening and container on receipt was as follows:—

Signed this ... day of ... 20...

Address ...

(Signed)
Board Analyst

To

.....
.....

Yours faithfully,

(Signature of the officer taking sample)

Designation:—

Copy forwarded to the Member Secretary, Goa State Pollution Control Board,

.....
(Name and signature of the
officer taking sample)]

FORM IV

Report by the Government Analyst

[See rule 24]

Report No. ...

Dated the ... 20...

- (*) Here write the full name of the Board Analyst.
(†) Here write the date of receipt of the sample.
(‡) Here write the name of the Board or person or body of persons or Officer from whom the sample was received.
(§) Here write the date of analysis.
(§) Here write the details of the analysis and refer to the method of analysis. If the space is not adequate the details may be given on a separate sheet of paper.

FORM III

Form of letter for submission of samples to the
State Air Laboratory

[See rule 24]

To,
The Government Analyst,
State Air Laboratory.

Sir,

I am submitting sample No./Nos. of air emissions taken from M/s..... on..... according to the provisions of section 54 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981).

Sample No.	Point of collection	Parameters to be analyzed
.....
.....
.....

I hereby certify that I, (*) ... Government Analyst duly appointed under sub-section (1) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981) received on the (†) ... day of ... 20... from (‡) ... a sample of ... for analysis. The sample was in a condition fit for analysis reported below:—

I further certify that I have analysed the aforementioned sample on (§) ... and declare the result of the analysis to be as follows:—

(§)

.....

.....

Signed this ... day of ... 20...

Address ...

(Signature)

Government Analyst

To

.....
.....

(*) Here write the full name of the Government Analyst.

(†) Here write the date of receipt of the sample.

(‡) Here write the name of the Board or person or body of persons or Officer from whom the sample was received.

(§) Here write the date of analysis.

(§) Here write the details of the analysis and refer to the method of analysis. If the space is not adequate the details may be given on a separate sheet of paper.

FORM V

(Form of the certificate of the Chartered Accountant without appreciation and depreciation)

[See rule 25(1)(a)]

I, Shri. _____

Son/daughter of _____, aged _____ years, Indian National, resident of _____, hereby solemnly declare an oath as follows.

1. I say that I am the Proprietor/Director/Authorized Signatory of M/s. _____ located at _____, Goa.

2. I say that the Gross Fixed Asset Value/Gross Estimated Value (in case of NOC) of our unit is as follows (including the value of lease/hold land, building and premises and value of hired plant, machinery and equipment)

- a. Land _____
b. Building _____
c. Plant & Machinery _____
d. Other fixed assets _____
Total _____
(Rupees _____)

3. I say that I am filing this Certificate for the limited purpose of producing it before the Board for obtaining Consent.

Solemnly affirmed at _____

Dated _____

Deponent
Name & Signature

Note: Kindly note that application form should be invariably submitted by only authorized person on behalf of the unit"

FORM VI

THE GOA STATE POLLUTION CONTROL BOARD

Notice of Inspection

[See rule 26(2)]

Chairman

Member Secretary.....

Shri.....

No.

Dated.....

.....

.....

To,

Take Notice that for the purpose of enquiry under section 21 the following officers of the State Board namely;—

i. Shri

ii. Shri

iii. Shri

and the persons authorized by the Board to assist them shall inspect—

Any systems of your Industrial Plant.

Any other parts thereof or pertaining thereto under management/control of date (a) between hours when all facilities requested by them for such inspection should be made available to them on the site. Take Notice that refusal or denial to above stated demand made under the functions of the State Board shall amount to obstruction punishable under section 37(1) of the Act.

By order of the Board
Member Secretary

Copy to:

1.

2.

3.

FORM VII
THE GOA STATE POLLUTION CONTROL BOARD
Detailed Budget Estimates for the year 20.....

[See rule 27(1)]

ADMINISTRATION
(Expenditure)

Head of Account	Actuals for the past three years			Sanctioned Estimate for the current year	Actuals for last six months i.e. year	Actuals for last six months of the current year	Revised Estimate for the current year	Budget Estimate for the next year	Variations between column 5 and 8	Variations between column 8 and 9	Explanation for columns 10-11
1	2	3	4	5	6	7	8	9	10	11	12

Accounts Officer/Accountant

FORM VIII
The GOA STATE POLLUTION CONTROL BOARD
Annual Report for the Financial year April 20.... To March 20.....
(See rule 33)

1. Introductory.
2. Constitution of the Board including changes therein.
3. Constitution of Committees by Board and Meetings of the Committees constituted by it.
4. Meetings of the Board.
5. Activities of the Board including the various functions performed under Section 1 of the Act.
6. Prosecutions launched and convictions secured.
7. Finance and Accounts of the Board.
8. Visits to the Board by Experts, important persons etc.
9. Any other important matter dealt with by the Board.

FORM IX
THE GOA STATE POLLUTION CONTROL BOARD
Receipts and payments for the year ended.....

(See rule 34)

Previous year	Receipts	Previous year	Payments
(1)	(2)	(3)	(4)
Opening Balance	-----	1. Capital expenditure	
Grants received:		(i) Works	.....
(a) From Government	(ii) Fixed Assets	.....
(b) From other agencies	(iii) Other Assets:	.....
ii. Fees	(a) Laboratory equipments	.....
iii. Fines and Forfeitures	(b) Vehicles	.....
iv. Interest on Investment	(c) Furniture & Fixtures	.....
v. Miscellaneous receipts	(d) Scientific Instruments and Office appliances	.....
vi. Miscellaneous Advances	(e) Tools and Plant	.....
vii. Deposits	(23) Revenue Expenditure	
		A. Administrative:	
		(i) Salaries	.....
		(ii) Travelling Allowance :	
		a) Chairman	.....
		b) Members	.....
		c) Others	.....
		(iii) Leave salary and pension contributions	.....
		(iv) Office expenditure	.....
		B. (i) Board Laboratory	.....
		(i) Charges to be paid to State Government Analyst Laboratory	.....
		C. Running and Maintenance of Vehicles	.....
		D. Maintenance and Repairs:	
		(i) Buildings	.....
		(ii) Works	.....
		(iii) Furniture and Fixture	.....
		(iv) Scientific Instruments and office appliances	.....
		(v) Tools and plants	

(1)	(2)	(3)	(4)
		E. Fees to consultants and Specialist	.....
		F. Law Charges	.....
		G. Miscellaneous	.....
		H. Fees for Audit	.....
		3. Purchases	.....
		4. Miscellaneous	.....
		5. Advances	.....
		6. Deposits	.....
		Closing Balance	.....
Total		Total	.....
Accounts Officer/Accountant		Member Secretary	Chairman

FORM X

THE GOA STATE POLLUTION CONTROL BOARD

Expenditure on works as on 31st March 20.....

(Item I – Assets of the Balance Sheet)

(See rule 34)

Upto 31 st March 20.....					During the year 20.....			Upto 31 st March 20.....		
Sr. No.	Name of the work	Direct expenditure	Overhead Charges	Total expenditure	Direct expenditure	Overhead Charges	Total expenditure	Direct expenditure	Overhead Charges	Total expenditure
Total-----										
Accounts Officer/Accountant					Member Secretary			Chairman		

FORM XI
THE GOA STATE POLLUTION CONTROL BOARD
ANNUAL STATEMENT OF ACCOUNTS

Fixed Assets as on works as on 31st March 20.....

(Item 2 – Assets of the Balance Sheet)

Other Assets as on 31st March 20.....

(Item 3 – Assets of the Balance Sheet)

(See rule 34)

Sr. No.	Particulars of Assets	Balance as on 31st March 20....	Additions during the year	Total	Depreciation during the year	Sales or write off during the year	Balance as on 31st March 20....	Cumulative depreciation as on 31st March 20.....
Accounts Officer/Accountant		Member Secretary				Chairman		

FORM XII

THE GOA STATE POLLUTION CONTROL BOARD
ANNUAL STATEMENT OF ACCOUNT

Income and expenditure accounts for year ended 31st March 20.....

(See rule 34)

Expenditure				Income			
Previous year	Details	Total of sub-head	Total of Major head	Previous year	Details	Total of sub-head	Total of Major head
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Rs.						
To				By			
Revenue expenditure				I. Grants received			
(A) Administrative				(a) From Government			
(i) Salaries				(b) From other agencies			
(ii) Travelling allowances				Total			
(iii) Leave salary and pension contributions				Less:			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv) Board's contribution to the staff provident fund .				Amount utilized for Capital expenditure. Net grant available for Revenue expenditure.			
(v) Contingent expenditure							
(B) Running expenses of laboratories: (i) Main laboratory (ii) Payments to be made to the State Government Analyst laboratory				II Fees III Service rental charges IV Fines and forfeitures V Interest on investments			
(C) Running and maintenance of vehicles				VI Miscellaneous receipts			
(D) maintenance and Repairs (i) Building and Land (ii) Drainage Works (iii) Furniture and Fixtures (iv) Scientific Instruments and office appliances (v) Tools and Plant				VII Excess of expenditure over income			
(E) Fees to consultants and specialists							
(F) Law Charges							
(G) Depreciation : (i) Buildins (ii) Laboratory equipment (iii) Vehicles (iv) Furniture and Fixtures (v) Scientific instruments and office appliances (vi) Tools and Plants							
(H) Miscellaneous (i) Write off losses (as per details in the statement attached). (ii) Other Miscellaneous expenditure.							
(I) Fees for Audit							
(J) Excess of Income over expenditure							
TOTAL							

Accounts Officer/Accountant

Member Secretary

FORM XIII

THE GOA STATE POLLUTION CONTROL BOARD
ANNUAL STATEMENT OF ACCOUNTS

Balance sheet as at 31st March 20....

(See rule 34)

Capital and Liabilities				Property and Assets			
Previous year	Details	Total of sub-head	Total of Major head	Previous year	Details	Total of sub-head	Total of Major head
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) Capital Fund				1. Works---			
(i) Grants received from Government for Capital Expenditure				(as per Form XI)			
(a) Amount utilized upto 31 st March 20....				2. Fixed Assets			
(ii) Grant from other agencies for Capital expenditure				(As per Form XII)			
(a) Amount utilized upto 31 st March 20...				(a) Value of land provided by Govt. (at cost)			
(b) Unutilized balance to 31 st March 20...				(b) Buildings—			
(iii) Value of land provided by Govt. (Per contra)				Balance as per last Balance Sheets			
				Additions during the year	----		
(B) Capital Receipts				Total	----		
(c) (i) Deposits received for works from outside bodies				3. Other Assets-----			
Deposits				(As per Form XII)			
Less Expenditure ----				(a) Laboratory Equipment as per last balance sheet additions during the year	----		
(ii) Other deposit				Total	----		
				Less depreciation during the year	----		
				Total	----		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(D) Amounts due----- (i) Purchases (ii) Others				(b) Vehicles as per last balance sheet Addition during the year	-----		
				Total	-----		
				Less Depreciation during the year	-----		
				Total	-----		
(E) Excess of income over expenditure : (i) Up to 31 st March 20..... (ii) Add for the year (iii) Deduct --- Excess of expenditure over income				(c) Furniture and fixtures as per last Balance Sheet Additions during the year			
				Total	-----		
				Less Depreciation during the year	-----		
				Total	-----		
				(d) Scientific Instruments and Office Appliances ----	-----		
				-			
				As per last Balance Sheet Additions during the year	-----		
				Total	-----		
				(e) Tools and Plants -----			
				As per last Balance Sheet Additions during the year	-----		
				Total	-----		
				Less Depreciation during the year	-----		
				Total			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				4. Sundry Debtors (i) Amounts due from out site bodies for expenditure incurred----- Expenditure Less Amount received (ii) Other sundry Debtors			
				5. Advances----- (a) Miscellaneous Advances (b) Other amount recoverable Cash----- (c) Notice/ShortTerm Deposits (d) Cash at Bank (e) Cash at Hand (f) Cash in transit	-----		
Total				Total	-----		
Accounts Officer/Accountant	Member Secretary				Chairman		

SCHEDULE I

[See Rule 25]

I An Application for CONSENT TO ESTABLISH, -

- (i) A Green Category Industry shall be accompanied by Fee as specified in **Table 1(A)** below;
- (ii) An Orange Category Industry shall be accompanied by Fee as specified in **Table 1 (B)** below;
- (iii) A Red Category Industry shall be accompanied by Fee as specified in **Table 1(C)** below.

II An application for CONSENT TO OPERATE:-

- (i) **RED** Category Industry (Large, Medium and Small scale) shall be accompanied by Fees as specified in **Table 2 (A)** below.
- (ii) **ORANGE** Category Industry (Large, Medium and Small scale) shall be accompanied by Fees as specified in **Table 2(B)** below.
- (iii) **GREEN** Category Industry (Large, Medium and Small scale) shall be accompanied by Fee as specified in **Table 2(C)** below

Table 1

TOTAL ESTIMATED INVESTMENT (TEI) (Rs. In Lakhs)	FEE FOR CONSENT TO ESTABLISH (In Rupees)	
	Fee (5years)	Fee (per year)
1	350	70
1-up to 2	700	140
2- up to 3	1000	200
3 - up to 4	1350	270
4 - up to 5	1700	340
5 - up to 6	2000	400
6 - up to 7	2350	470
7 - up to 8	2700	540
8 - up to 9	3000	600
9 - up to 10	3350	670
10 - up to 15	4000	800
15 - up to 20	4700	940
20 - up to 25	5350	1070
25 - up to 35	6700	1340
35 - up to 45	8000	1600
45 - up to 55	9350	1870
55 - up to 65	10700	2140
65 - up to 75	12000	2400
75 - up to 100	13350	2670
100 - up to 500	17350	3470
500 - up to 1000	21350	4270
1000 – up to 2000	25350	5070
2000 – up to 3000	33700	6740
3000 – up to 4000	42000	8400
4000 – up to 5000	50350	10070
5000 – up to 10000	75350	15070
10000 – up to 20000	100350	20070

Note: Also 3% increase in the above fees for every subsequent financial year.

Table 2 (A)

Renewal/Consent to operate	Red category (L)	Red Category (M)	Red Category (S)
	Per year		
1	500	500	200
1-up to 2	1000	1000	400
2- up to 3	1500	1500	600
3 - up to 4	2000	2000	800
4 - up to 5	2500	2500	1000
5 - up to 6	3000	3000	1200
6 - up to 7	3500	3500	1400
7 - up to 8	4000	4000	1600
8 - up to 9	4500	4500	1800
9 - up to 10	5000	5000	2000
10 - up to 15	6000	6000	2400
15 - up to 20	7000	7000	2800
20 - up to 25	8000	8000	3200
25 - up to 35	9500	9500	3800
35 - up to 45	11000	11000	4400
45 - up to 55	12500	12500	5000
55 - up to 65	14000	14000	5600
65 - up to 75	15500	15500	6200
75 - up to 100	17000	17000	6800
100 - up to 500	22000	22000	8800
500 - up to 1000	27000	27000	10800
1000 – up to 2000	37000	37000	14800
2000 – up to 3000	47000	47000	18800
3000 – up to 4000	57000	57000	22800
4000 – up to 5000	67000	67000	26800
5000 – up to 10000	97000	97000	38800
10000 – up to 20000	127000	127000	50800

*Note: An application for renewal of Consent submitted after expiry of the validity shall accompany with penalty of 50% of the Consent fees in addition to the prescribed consent fees. Also 2% increase in the above fees for every subsequent financial year.

Table 2 (B)			
Renewal/Consent to operate	Orange category (L)	Orange category (M)	Orange category (S)
	Per year		
1	350	350	150
1-up to 2	700	700	300
2- up to 3	1000	1000	450
3 - up to 4	1350	1350	600
4 - up to 5	1700	1700	750
5 - up to 6	2000	2000	900
6 - up to 7	2350	2350	1000
7 - up to 8	2700	2700	1200
8 - up to 9	3000	3000	1300
9 - up to 10	3350	3350	1450
10 - up to 15	4000	4000	1750
15 - up to 20	4700	4700	2000
20 - up to 25	5350	5350	2300
25 - up to 35	6350	6350	2800
35 - up to 45	7350	7350	3150
45 - up to 55	8350	8350	3600
55 - up to 65	9350	9350	4000
65 - up to 75	10350	10350	4450
75 - up to 100	11350	11350	4900
100 - up to 500	14700	14700	14700
500 - up to 1000	18000	18000	7750
1000 – up to 2000	24700	24700	10600
2000 – up to 3000	31350	31350	13450
3000 – up to 4000	38000	38000	16300
4000 – up to 5000	44700	44700	19150
5000 – up to 10000	64700	64700	27750
10000 – up to 20000	84700	84700	36300

*Note: An application for renewal of Consent submitted after expiry of the validity shall accompany with penalty of 50% of the Consent fees in addition to the prescribed consent fees. Also 2% increase in the above fees for every subsequent financial year.

Table 2 (C)			
Renewal/Consent to operate	Green category (L)	Green category (M)	Green category (S)
	Per year		
1	200	200	100
1 - up to 2	400	400	200
2 - up to 3	600	600	300
3 - up to 4	800	800	400
4 - up to 5	1000	1000	500
5 - up to 6	1200	1200	600
6 - up to 7	1400	1400	700
7 - up to 8	1600	1600	800
8 - up to 9	1800	1800	900
9 - up to 10	2000	2000	1000
10 - up to 15	2400	2400	1200
15 - up to 20	2800	2800	1400
20 - up to 25	3200	3200	1600
25 - up to 35	3800	3800	1900
35 - up to 45	4400	4400	2200
45 - up to 55	5000	5000	2500
55 - up to 65	5600	5600	2800
65 - up to 75	6200	6200	3100
75 - up to 100	6800	6800	3400
100 - up to 500	8800	8800	4400
500 - up to 1000	10800	10800	5400
1000 - up to 2000	14800	14800	7400
2000 - up to 3000	18800	18800	9400
3000 - up to 4000	22800	22800	11400
4000 - up to 5000	26800	26800	13400
5000 - up to 10000	38800	38800	19400
10000 - up to 20000	50800	50800	25400

Note: Also 2% increase in the above fees for every subsequent financial year.

ANNEXURE 'A'

Table 3

(See rule 25(5))

Categorization of Industries

RED CATEGORY	
Sr. No.	Category
1	2
1	Airports and Commercial Air Strips with overall waste water generation > 100KLD
2	Aluminium Smelter
3	Asbestos and asbestos based industries
4	Automobile Manufacturing (integrated facilities)
5	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid
6	Building and construction projects having waste water generation \geq 100KLD
7	Cement
8	Chlor Alkali
9	Chlorates, per-chlorates & peroxides
10	Chlorine, fluorine, bromine, iodine and their compounds
11	Coke making , liquefaction, coal tar distillation or fuel gas making
12	Common treatment and disposal facilities (CETP, TSDF, CBMWTF, effluent conveyance project, incinerator, MSW sanitary landfill site)
13	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on Municipal Solid Waste (MSW) WWG is more than 100KLD
14	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on process waste (industrial/process liquid effluent & solid waste like press mud, organic sludge, molasses etc. WWG is more than 100KLD
15	Copper Smelter
16	DG Set of capacity > 5 MVA
17	Distillery (molasses/grain/yeast based)
18	Dyes and Dye- Intermediates
19	Fertilizer (basic) (excluding formulation)
20	Fibre glass production and processing (excluding moulding)
21	Fire crackers manufacturing and bulk storage facilities
22	Health Care establishments (as defined in Bio-Medical Management Waste Rules, 2016 as amended from time to time) with overall waste water generation > 100KLD
23	Hotel having overall wastewater generation @100KLD and more
24	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
25	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt,

1	2
26	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Dismantlers Recycling Plants-Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
27	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Integrated Recycling Plants -Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury- switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
28	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Lead acid battery plates and other lead scrap/ashes/residues not covered under Batteries (Management and Handling) Rules, 2001. [* Battery scrap, namely: Lead battery plates covered by ISRI, Code word "Rails" Battery lugs covered by ISRI, Code word "Rakes". Scrap drained/dry while intact, lead batteries covered by ISRI, Code word "rains".
29	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Spent cleared metal catalyst containing copper, Spent cleared metal catalyst containing zinc,,
30	Industry having liquid waste water generation of 100KLD or more including industrial and domestic waste water
31	Industry or process involving metal surface treatment or process such as pickling/ electroplating/paint stripping/heat treatment using cyanide bath/phosphating or finishing and anodizing/enamellings/galvanizing
32	Iron & Steel (involving processing from ore/integrated steel plants) and or Sponge Iron units
33	Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules, 1989 as amended)
34	Lead acid battery manufacturing(excluding assembling and charging of lead-acid battery in micro scale)
35	Manufacturing of explosives, detonators, fuses including management and handling activities
36	Manufacturing of glue and gelatin
37	Manufacturing of lubricating oils, grease and petroleum based products
38	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)
39	Milk processes and dairy products (integrated project)
40	Mining and ore beneficiation
41	Nuclear power plant

1	2
42	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)
43	Oil Refinery (mineral Oil or Petro Refineries)
44	Organic Chemicals manufacturing
45	Pesticides (technical) (excluding formulation)
46	Petrochemicals Manufacturing (including processing of Emulsions of oil and water)
47	Pharmaceuticals
48	Phosphate rock processing plant
49	Phosphorous and its compounds
50	Photographic film and its chemicals
51	Ports and harbour, jetties and dredging operations
52	Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW]
53	Processes involving chlorinated hydrocarbons
54	Pulp & Paper (Large-Agro + wood), Small Pulp & Paper (agro based-wheat straw/rice husk)
55	Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper)
56	Pulp & Paper (waste paper based without bleaching process to manufacture Kraft Paper)
57	Railway locomotive work shop/Integrated road transport workshop/Authorized service centers
58	Railway Stations (Wastewater generation ≥ 100KLD)
59	Ship Breaking Industries
60	Slaughter house (as per notification S.O.270(E) dated 26-03-2001) and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts
61	Sugar (excluding Khandsari)
62	Synthetic fibers including rayon, tyre cord, polyester filament yarn
63	Tanneries
64	Thermal Power Plants
65	Tyre and tubes manufacturing unit ≥ 100KLD waste water generation
66	Yarn/Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring
67	Zinc Smelter

ORANGE CATEGORY	
Sr. No.	Category
1	2
1	Airport and Commercial air strips with overall waste water generation < 100KLD
2	Almirah, Grill Manufacturing (Dry Mechanical Process)

1	2
3	Aluminium & copper extraction from scrap using oil fired furnace (dry process only)
4	Automobile servicing, repairing and painting (excluding only fuel dispensing)
5	Automobile servicing, repairing and painting (excluding only fuel dispensing)
6	Ayurvedic and homeopathic medicine
7	Bakery and confectionery units (With wood fired ovens/furnaces) and electric/gas ovens > 1T/day
8	Brickfields (excluding fly ash brick manufacturing using lime process)
9	Building and construction projects having built-up area more than 20000sq.mt and waste water generation ≥50KLD
10	Cashew nut processing
11	Ceramics and Refractories
12	Chanachur and laddoo from puffed and beaten rice(muri and shira) using husk fired oven
13	Coal washeries
14	Coated electrode manufacturing
15	Coffee seed processing
16	Compact disc computer floppy and cassette manufacturing / Reel manufacturing
17	Compressed/Refined Bio-gas production from Biodegradable waste
18	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on Municipal Solid Waste (MSW) WWG is less than 100KLD
19	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on process waste (industrial/process liquid effluent & solid waste like press mud, organic sludge, molasses etc. WWG is less than 100KLD
20	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on crop residue (paddy straw/wheat straw/corn sweet sorghum/napier grass etc)
21	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on animal waste (dairy farms, poultry farms and other animal) WWG is more than 100KLD
22	Construction and Demolition (C & D) waste processing plants
23	Cotton spinning and weaving (medium and large scale)
24	Dairy and dairy products (small scale)
25	Dairy Farm having 15 animals and above where milching animals (cows/buffaloes) are housed to produce milk for distribution and supply to milk processing plants
26	DG set of capacity >1MVA but < 5MVA
27	Dismantling of rolling stocks (wagons/coaches)
28	Dry cell battery (excluding manufacturing of electrodes) and assembling & charging of acid lead battery on micro scale

1	2
29	Dry coal processing, mineral processing, industries involving ore sintering, pelletising, grinding & pulverization
30	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol)
31	Ferrous and Non-ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy-making
32	Fertilizer (granulation/formulation/blending only)
33	Fish feed, poultry feed and cattle feed
34	Fish processing and packing (excluding chilling of fishes)
35	Flakes from rejected PET bottle
36	Foam manufacturing
37	Food and food processing including fruits and vegetable processing
38	Forging of ferrous and non-ferrous metals (using oil and gas fired furnaces)
39	Formulation/pelletization of camphor tablets, naphthalene balls from camphor/naphthalene powders.
40	Gaushalas where weak, sick, injured, handicapped and abandoned homeless cattle/cows are housed for rehabilitation is 100KLD and more.
41	Glass ceramics, earthen potteries and tile manufacturing using oil and gas fired kilns, coating on glasses using cerium fluorides and magnesium fluoride etc.
42	Gold Assaying & Hallmarking Centres
43	Gravure printing, digital printing on flex, vinyl
44	Health Care establishments (as defined in Bio-Medical Management Waste Rules, 2016 as amended from time to time) with overall waste water generation >100KLD
45	Heat treatment using oil fired furnace (without cyaniding)
46	Hot mix plants
47	Hotels (< 3 star) or hotels having > 20 rooms and less than 100 rooms.
48	Hotels (<3 star) or hotels having>20 rooms and less than 100 rooms
49	Ice cream
50	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Brass Dross, Copper Dross, Copper Oxide Mill Scale, Copper Reverts, Cake & Residues, Waste Copper and copper alloys in dispersible form, Slags from copper processing for further processing or refining, Insulated Copper Wire, Scrap/copper with PVC sheathing including ISRI-code material namely "Druid", Jelly filled Copper cables, Zinc Dross-Hot dip Galvanizers SLAB,, Zinc Dross-Bottom Dross, Zinc ash/Skimming arising from galvanizing and die casting operations, Zinc ash/Skimming/other zinc bearing wastes arising from smelting and refining, Zinc ash and residues including zinc alloy residues in dispersible form,
51	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Paint and ink Sludge/residues

1	2
52	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Used Oil-As per specifications prescribed from time to time.
53	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule iv of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and as amended from time to time-Items namely-Waste Oil—As per specifications prescribed from time to time.
54	Industry or processes involving foundry operations
55	Jute processing without dyeing
56	Lime manufacturing (using lime kiln)
57	Liquid floor cleaner, black phenyl, liquid soap, glycerol mono-stearate manufacturing
58	Manufacturing of glass
59	Manufacturing of iodized salt from crude/ raw salt
60	Manufacturing of mirror from sheet glass
61	Manufacturing of mosquito repellent coil
62	Manufacturing of silica gel
63	Manufacturing of Starch/Sago
64	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items
65	Mechanized laundrt using oil fired boiler
66	Mechanized laundry using oil fired boiler
67	Modular wooden furniture from particle board, MDF < swan timber etc, Ceiling tiles/ partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (With boiler)
68	New highway construction project
69	New highway construction project
70	Non-alcoholic beverages(soft drink) & bottling of alcohol/non alcoholic products
71	Paint blending and mixing (Ball mill)
72	Paints and varnishes (mixing and blending)
73	Parboiled Rice Mills
74	Pharmaceutical formulation and for R & D purpose (For sustained release/extended release of drugs only and not for commercial purpose)
75	Ply-board manufacturing (including Veneer and laminate) with oil fired boiler/thermic fluid heater(without resin plant)
76	Potable alcohol (IMFL) by blending, bottling of alcohol products
77	Powder Coating Compound manufacturing units
78	Printing ink manufacturing
79	Printing or etching of glass sheet using hydrofluoric acid
80	Printing press
81	Producer gas plant using conventional up drift coal gasification (linked to rolling mills glass and ceramic industry refectories for dedicated fuel supply)
82	Railway Stations (Wastewater generation $\geq 10\text{KLD}$ but $< 100\text{KLD}$)

1	2
83	Reprocessing of waste plastic including PVC
84	Rolling mill (oil or coal fired) and cold rolling mill
85	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Collection, De-Pollution, Dismantling Centres
86	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Collection, De-Pollution, Dismantling Centres and Shredding Centres
87	Scrapping Centres (for End of Life of Vehicles and other scraps such as plant and machineries, structural material, railway coaches and wagons etc.) a. Shredding Centres (can include white goods "fother scraps also) Note-Recycling/dismantling of white goods are covered under E-Waste (Management & Handling Rules, 2016. and have already been categorised in CPCS document-Classification of industrial Sector-(Feb. 2016)
88	Silk screen printing, sari printing by wooden blocks
89	Spray painting, paint baking, paint shipping
90	Steel and steel products using various furnaces like blast furnace/open hearth furnace/induction furnace/arc furnace/submerged arc furnace/basic oxygen furnace/hot rolling reheated furnace
91	Stone crushers
93	Stone Quarries
94	Surgical and medical products including prophylactics and latex
95	Synthetic detergents and soaps (excluding formulation)
96	Synthetic resins
97	Synthetic rubber excluding molding
98	Teflon based products
99	Thermocol manufacturing (with boiler)
100	Thermometer manufacturing
101	Tobacco products including cigarettes and tobacco/opium processes
102	Transformer repairing/manufacturing (dry process only)
103	Tyres and tubes vulcanization/hot retreating
104	Vegetable oil manufacturing including solvent extraction and refinery/hydrogenated oils
105	Wire drawing and wire netting

GREEN CATEGORY	
Sr. No.	Category
1	2
1	Aluminium utensils from aluminium circles by pressing only (dry mechanical operation)
2	Assembly of antenna
3	Ayurvedic and homeopathic medicines (without boiler)
4	Bakery/confectionery/sweets products (with production capacity <1tpd (with gas or electrical oven)
5	Bi-axially oriented PP film along with metalizing operations
6	Biomass briquettes (sun drying) without using toxic hazardous wastes

1	2
7	Blending of melamine resins & different powder, additives by physical mixing
8	Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility)
9	Building and construction projects having built-up area less than 20000sq.mt and waste water generation \leq 50KLD
10	Bus body building excluding painting
11	Candy
12	Cardboard or paper gated box and paper products (excluding paper or pulp manufacturing and without using boilers)
13	Carpentry & wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electrical wood planner, steel saw cutting circular blade, etc.
14	Catering Service other then on tiffin basis and self help groups.
15	Cement products (without using asbestos/boiler/steam curing) like pipe ,pillar, jafri, well ring, block/ tiles etc.(should be done in closed covered shed to control fugitive emissions)
16	Ceramic colour manufacturing by mixing & blending only (not using boiler and wastewater recycling process)
17	Chilling plant and ice making without using ammonia
18	Chilling plant, cold storage and ice making
19	CO2 recovery
20	Coke briquetting (sun drying)
21	Compressed/Refined Bio-Gas Production from Bio-degradable Wastes.No waste water discharge from digester and also feed slurry to digester having Volatile Organic Fraction more than 75%.
22	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on crop residue (paddy straw/wheat straw/corn sweet sorghum/napier grass etc) WWG is less than 100KLD
23	Compressed Biogas (CBG)/Bio-CNG plants CBG plants based on animal waste (dairy farms, poultry farms and other animal waste) WWG is less than 100KLD
24	Cotton spinning and weaving (small scale)
25	Cutting, sizing and polishing of marble stone
26	Dal Mills
27	Decoration of ceramic cups and plates by electric furnace
28	Diesel generator sets (15KVA to 1MVA)
29	Digital printing on PVC clothes
30	Distilled water (without boiler) with electricity as source of heat
31	Electrical and electronic item assembling with painting activity
32	Emery powder (fine dust of sand) manufacturing
33	Facility of handling, storage and transportation of food grains in bulk
34	Facility of handling, storage and transportation of food grains in bulk)
36	Flour mills (dry process)
37	Flyash export, transport & disposal facilities
38	Gaushalas where weak, sick, injured, handicapped and abandoned homeless cattle/cows are housed for rehabilitation is less than 100KLD.

1	2
39	Glass, ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or not involving fossil fuel kiln
40	Glue from starch (physical mixing) with gas/electrically operated oven/boiler.
41	Gold and silver smithy (purification with acid smelting operation and sulphuric acid polishing operation) (using less or equal to 1 litre of sulphuric acid/nitric acid per month)
42	Heat treatment with any of the new technology like ultrasound probe, induction hardening, ionization beam, gas carburizing etc.
43	Hotels (up to 20 rooms and without boilers) and overall waste water generation < 100KLD
44	Hotels (upto 20 rooms and without boiler)
45	Insulation and other coated papers (excluding paper or pipe manufacturing)
46	Leather foot wear and leather products (excluding tanning and hide processing except cottage scale)
47	Lubricating oil, greases or petroleum based products (only blending at normal temperature)
48	Manufacture of sanitary pads
49	Manufacturing of optical lenses (using electrical furnace)
50	Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying
52	Marriage Halls
53	Mineral stack yard/Railway sidings
55	Mineralized water
56	Oil and gas transportation pipeline
57	Oil mill Ghani and extraction (no hydrogenation/refining)
58	Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn
59	Papad and Pickels manufacturing
60	Phenyl/toilet cleaner formulation and bottling
61	Polythene and plastic processed products manufacturing (virgin plastic)
62	Poultry, Hatchery and Piggery
63	Power looms (without dye and bleaching)
64	Puffed rice (muri) (using gas or electrical heating system)
65	Pulverization of bamboo and scrap wood
66	Railway Stations (Wastewater generation < 10KLD)
67	Ready mix cement concrete
68	Reprocessing of waste cotton
69	Rice mill (Rice hullers only)
70	Rolling mill (gas fired) and cold rolling mill
71	Rubber goods industry (with gas operated baby boiler)
72	Saw mills
73	Seasoning of wood in steam heated chamber
75	Soap manufacturing (hand made without steam boiling / boiler)
76	Spice grinding (20 HP motor)

1	2
77	Steel furniture without spray painting
78	Steeping and processing of grains
79	Surface treatment using water spray rinsing, degreasing, heating in ovens, electrostatic powder coating and curing using oven
80	Synthetic detergent formulation
81	Tamarind powder manufacturing
82	Tea processing (with boiler)
83	Tyres and tube retreating (without boilers)

WHITE CATEGORY	
Sr. No.	Category
1	2
1	Assembly of air coolers/conditioners, repairing and servicing
2	Assembly of bicycles, baby carriages and other small non motorizing vehicles
3	Automobile fuel outlets (only dispensing)
4	Bailing (hydraulic press) of waste papers
5	Bio fertilizer and bio-pesticides without using inorganic chemicals
6	Biscuits trays etc from rolled PVC sheet (using automatic vacuum forming machines)
7	Blending and packing of tea
8	Block making of printing without foundry (excluding wooden block making)
9	Catering serving food on tiffin basis, self help groups.
10	Cement Godown
11	Chalk making from plaster of Paris (only casting without boilers etc. (sun drying/electrical oven)
12	Compressed oxygen gas from crude liquid oxygen (without use of any solvents and by maintaining pressure & temperature only for separation of other gases)
13	Compressed Biogas (CBG)/Bio-CNG plants CBG plants (irrespective of the type of feed) producing Fermented Organic manure (FOM) & Liquid Fermented Organic Manure (LFOM) as by-products
14	Compressed Biogas (CBG)/Bio-CNG plants Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes etc.
15	Cotton and woolen hosiers making (Dry process only without any dying/washing operation)
16	Cycle/motor track
17	Dairy Farm having less than 15 animals where milching animals (cows/buffaloes) are housed to produce milk for distribution and supply to milk processing plants
18	Diesel pump repairing and servicing (complete mechanical dry process)
19	Domestic bio-digestors based on cow-dung or household biodegradable wastes (such as gohar gas plants)
20	Electric lamp (bulb) and CFL manufacturing by assembling only
21	Electrical and electronic item assembling (completely dry process)

1	2
22	Engineering and fabrication units (dry process without any heat treatment/metal surface finishing operations/painting)
23	Fabrication carrying out metal primer application/hand painting activity
24	Flavoured betel nuts production/grinding (completely dry mechanical operations)
25	Fly ash bricks/block manufacturing
26	Fountain pen manufacturing by assembling only
27	Glass bottles and vilas making from glass tubes
28	Glass putty and sealant (by mixing with machine only)
29	Ground nut decorticating
30	Handloom/carpet weaving (without dyeing and bleaching operation)
31	Leather cutting and stitching (more than 10 machine and using motor)
32	Manufacturing of coir items from coconut husks
33	Manufacturing of metal caps containers etc
34	Manufacturing of shoe brush and wire brush
35	Medical oxygen
36	Organic and inorganic nutrients (by physical mixing)
37	Organic manure (manual mixing)
38	Packing of powdered milk
39	Paper pins and u clips
40	Repairing of electric motors and generators (dry mechanical process)
41	Rope (plastic and cotton)
42	Scientific and mathematical instrument manufacturing
43	Sewage tankers
44	Solar module non conventional energy apparatus manufacturing unit
45	Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW)
46	Surgical and medical products assembling only (not involving effluent/emission generating processes)
47	Stand-alone Massage Parlours, Beauty Parlour, Hair Cutting Saloon and SPAs
48	Tea stall
49	Used Cooking Oil (UCO) collection centres

Note: Any industry/industrial activity, process or trades which do not fall under any of the above mentioned categories, the decision with regards to their categorization/classification, will be taken by the Board, from time to time when such need arises, either suo motto or on the specific request by the Industrial unit. Industrial unit concerned may apply to the Goa State Pollution Control Board in this respect for necessary action.

ACCOMPANIMENTS:

The Following documents should invariably be attached alongwith the application as follows:

A. Consent to Establish/Consent to Operate

1. Land Allotment/earmarking letter or lease/Sale deed/Form I & XIV.
2. Flow Chart and detailed production process.

3. A copy of Project Report for projects costing Five crores and above.
4. Site plan (not required for units to be set up in Industrial Estates.)
5. Layout plan showing the location of manufacturing equipments, water supply/drainage lines, position of chimneys, effluent treatment plant and final discharge Point, Sludge solid waste disposal points and septic tanks/soak pits.
6. For industries/activities listed in Schedule I of the Environmental Impact Assessment (EIA) Notification 2006 copy of the EIA report/Form/Report submitted for obtaining Environmental Clearance and other survey, if required will have to be furnished in the prescribed time limit.
7. Photocopy of the prior Environmental Clearance (EC) issued by the Competent Authority, if applicable, for project listed in the Environment Impact Assessment (EIA) Notification, 2006, as amended from time to time.
8. Site plan showing surrounding Residential area , public places, water stream, etc., of the factory site within a radius of 5kms with waste water treatment and disposal systems clearly indicating where waste – water is proposed to be disposed off (for medium and large scale enterprises).
9. Schematic sketch of the proposed effluent/sewage treatment system/plant (ETP/STP) and/or septic tanks/soak pit, duly signed by authorized person, along with detailed design calculation.
10. Certificate from Chartered Accountant certifying the Total Estimated Investment (T.E.I). (refer sample specimen below). In case of leased/hired premises/plant/machinery/equipment a certificate from a Registered Valuer towards capital cost is to be submitted without appreciation and depreciation.
11. Original authorization letter of the person to whom authorization is made to sign this application form except individual proprietary concern.
12. Any other documents/clarification as requisition by the Goa State Pollution Control Board.

B. Renewal of Consent to Operate

1. Certificate from Chartered Accountant certifying the Total Estimated Investment (T.E.I). (refer sample specimen below). In case of leased/hired premises/plant/machinery/equipment a certificate from a Registered Valuer towards capital cost is to be submitted without appreciation and depreciation.
2. Previous Consent to Operate issued by the Board
3. Stack Analysis Report/Analysis report of Treated effluent/sewage.
4. Any changes/modifications in the industry after the consent obtained.
13. Application for auto renewal of Orange and Green category will be accompanied by an affidavit annexed hereto for an individual proprietary concern.
14. Any other documents/clarification as requisition by the Goa State Pollution Control Board.

—————
ANNEXURE 'B'

[See rule 25(6) (e)]

**Affidavit in support of obtaining
Auto Renewal of Consent to Establish/Operate**

I,, S/o Shri.....,
aged..... years, Authorized signatory,..... (Designation) of
M/s..... (Unit ID)
am submitting this affidavit in favour of Member Secretary, Goa State Pollution Control Board,

Panaji for obtaining auto renewal of Consent to Establish/Consent to Operate under the provisions of Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981) and do, hereby take oath and state as under:—

2. That the Consent to Establish/Consent to Operate under the provisions of Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981) was issued vide order No dated
.....
3. That the said Consent to Establish/Consent to Operate is valid upto
4. That we have not carried out any expansion/modernisation/change in process/product/raw material/ fuel or change in pollution load.
5. That we are complying with conditions of previous consent and submitting requisite compliance report of earlier consent alongwith supporting documents as per schedule.
6. That we have submitted Environmental Statement report as prescribed under the rules,
7. There is no change in information provided in the prescribed application form submitted for obtaining earlier consent to operate.
8. That no directions were issued during last five years by the State Board under the provisions of section 31 (A) of Air (Prevention and Control of Pollution) Act, 1981 and section 5 of Environment (Protection) Act, 1986 (Act 29 of 1986).
9. There are no prohibitory directions from Courts/Appellate Authority/National Green Tribunal/ other judicial/Quassi judicial Authority.
10. We undertake to comply with the conditions and standards stipulated in consent order and with any additional condition/direction which may be stipulated by the Board in future and also to pay additional fee/charges demanded by the Board in future.
11. That I have understood that any wrong, partial, forged information/document submitted by me or any false affirmation made by the undersigned, I shall be liable for legal action including the prosecution under the provisions of Air (Prevention and Control of Pollution) Act, 1981 (Act 29 of 1981) and Information Technology Act, 2000 (Act 21 of 2000) alongwith the provisions of Indian Penal Code, 1860 (Act 45 of 1860).

DEPONENT

Declaration

I, the above named deponent do hereby attest and verify that the contents of para No. 1 to 11 of this affidavit are true and correct to the best of my knowledge. Nothing material has been concealed therein nor any part of it is false.

DEPONENT

SCHEDULE II

[see Rule 26(5), (6), (9), (10), (11), (13), (14)]

A. MEMBERS OF THE ENVIRONMENTAL AUDIT COMMITTEE

- | | | | |
|---|---|---|----------|
| 1 | Retired Scientist/ Engineer from a reputed Scientific Organization/Institution to be nominated by the Chairman | : | Chairman |
| 2 | A Senior Expert on Environmental Audit to be Appointed by GSPCB from any IRCA authorized ISO 14001:2015 Certification Authority | : | Member |

- | | | | |
|---|---|---|----------|
| 3 | Member of the State Expert appraisal Committee nominated by the State Expert Committee | : | Member |
| 4 | Scientist/Engineer of Goa State Pollution Control Board as nominated by Chairman, Goa State Pollution Control Board | : | Convener |

B. OBJECTIVES

Objectives of Environmental Audit Scheme (EAS) is to engage deemed Scientific and Technical experts to provide a clear indication of the Environmental performance and compliance to Consent conditions of the Organization for the period covered by the audit.

The preliminary objectives of the EAS are as follows:

- a) Provide an objective analysis of the environmental impacts arising from the Organizations activities;
- b) Assess and Determine that mitigation measures including root cause analysis, corrective and preventive actions are effective in addressing environmental aspects and minimizing or removing environmental impacts;
- c) Identify opportunities and make recommendations for improvements in environmental performance of the Organization

C. ROLES AND RESPONSIBILITIES

The roles and responsibilities of the various key players is provided in the context of the Environment Audit scheme.

I. RESPONSIBILITIES OF THE ORGANIZATION

- a) The occupier shall be responsible for submitting Environmental Statement and provide all the assistance and necessary documentation for completion of the Environmental audit.
 - (i) GSPCB/CPCB Issued Consents/Directions/Guidelines (e.g. COINDS or related)
 - (ii) Complaint, if any, received by the GSPCB/Organization and corrective and preventive action taken thereof.
 - (iii) Defined and detailed Procedures of production process, Pollution Control Equipment, finished product/services, by products, consumption of raw materials, against finished products, measurement and monitoring of consumption of water, electricity or other fuels and/or other resources/material per unit finished product/service with responsibilities and supporting records.
 - (iv) Defined and detailed Procedures of available addressing identified environmental aspects per unit product output and the corrective-preventive measures to minimize its environmental impacts through the use of alternative technology, pollution control equipment or any other related technique with measurement and monitoring data, responsibilities and supporting records.
 - (v) Organizations Policy (Environment, Health and Safety-EHS), if any.
 - (vi) The Occupier of Organizations (as mentioned in the Sr. No.4) shall carry out a documented Root cause analysis of the Non conformances (NCf)/Non compliances (NCp) identified in the EAR once received from the Auditor along with its corrective and preventive action plan, and comments if any and submit the same within along with Form V Environmental Statement with satisfactory closure of CAPA to the Board by target date agreed upon by the Auditor and Occupier or before 30th June whichever is earlier with copy of the stipulated receipt of scrutiny fees to GSPCB
- b) The Organizations hereafter applying for consent shall have to here onwards get its Environment Management System inspected by respective auditors regarding adequacy and efficacy thereof, through the Board.

- c) The Organization is also responsible for ensuring timely closures of Non conformances(NC) or Non Compliances or Corrective Action Preventive Action Plans or related observations.

II. RESPONSIBILITIES OF THE GOA STATE POLLUTION CONTROL BOARD

- a. Appointment of auditor/s for conducting Environmental Audit.
- b. The list of Board Authorized Auditors will be made publicly available on Board website.
- c. To ensure effective conduct of the individual audits, the following information should be provided to the audit team leader by GSPCB
- Organization Details
 - History of Defaults if any, and closures or pending issues there off.
 - Contact name, No. address
- d. Forward a copy of the final EAR to the Organization within 15 days of receipt of the EAR.
- e. Initiate appropriate action due to non closure of Non conformances/Non Compliances within time frame specified.
- f. **Payment to Auditors**
- Mode of Payment: the State Board will pay the Environmental Auditor the Audit fee as decided by the Board from time to time within one week of submission of bills for conducting the audit.
 - In turn, GSPCB will issue directions to Organizations covered under Audit Scheme to deposit the sum total of the estimated expenses towards auditors fee and auditor expenses from the concerned Organization within 15 days from the date of allocation to the auditor, interim payment within 15 days on receiving of bills from the auditor and final payment within 15 days from submission of final audit report based on actual and 25 percent of total cost incurred for Audit as administrative expenses incurred by the State Board

III. RESPONSIBILITIES OF THE ENVIRONMENT AUDIT COMMITTEE (EAC)

The GSPCB constituted Environmental Audit Committee members shall not have any conflict of interest with its present assignment. The terms of reference of this Committee are as follows:

- (i) Define and develop audit criteria and its supporting procedure and protocol for the recognition/empanelment/selection of Environmental Auditors, including an assessment of the Auditors' (or Auditor's selected). The EAC will suggest new parameters which have been introduced by CPCB/GSPCB. The same will be recommended to GSPCB.
- (ii) Advise and create a guidance/technical document related to the subject which will enable effective auditing including effective auditing and laboratory functions.
- (iii) The committee member(s) will also under take audit of Recognized Auditors., atleast once annually to ensure due diligence of the Auditor to the and advise them in any relevant matter and will suggest/implement the new parameters which are being introduced by the CPCB/GSPCB. A observation report of the same will be submitted in this regard within 15 days of visit
- (iv) After scrutiny, the EAC will submit the final (list) of the Auditor(s) with their justifications for selection to the Board for issue of Board Recognition.
- (v) EAC will meet atleast once in three months.
- (vi) Conducting or arranging training programme for capacity building of auditors, Organization Representatives and regulators with respect to EAS.

- (vii) Shall review the audit report and submit their comments on the NC(f)'s or NC(p)'s and their respective Root Cause Analysis'(RCA) with corrective Action and Preventive Action (CAPA) Plans

Assign the responsibility for conducting the individual audit to be made in sufficient time before the scheduled date of the audit, in order to ensure the effective planning of the audit.

D. ENVIRONMENTAL AUDIT PLANNING AND CONTROL

I. SELECTION OF ENVIRONMENTAL AUDITORS

- (a) The Member Secretary of the Board shall appoint faculty of Engineering College, Science Colleges, University, or retired or serving Engineer or Scientist from reputed Institutions, Government Departments, or IRCA authorized ISO 14001:2015 Certification Agencies to be Environment Auditor/s who shall be preferably located in the State of Goa and have sufficient experience in the relevant field including relevant qualifications with the approval of the Chairman.
- b) The Member Secretary will constitute Audit team for conducting the Environmental Audit for each audit with approval of the Chairman.
- c) The entire audit work must be carried out by the auditor himself. In other words, the auditor shall and will not assign the audit work to any other agency/firm/personnel other than those recognized. Any violation in this regard shall lead to de-recognition of the auditor and imposition of penalty at the discretion of the EAC.
- d) In case of change in the man power (any member of the team), same shall be communicated to the GSPCB within one month and the auditor shall also obtain the approval of the Board for the replacement.

II. AUDIT CRITERIA

- e) The Member Secretary of the Board will set out the Audit Criteria for each Environmental Audit with approval of the Chairman.

III. ENVIRONMENT AUDIT LABORATORY:

The Board/Agency shall engage the services of NABL recognized Laboratories and also having recognition of MoEF & CC whenever required.

E. AUDIT PROCEDURE

I. FUNCTIONS OF AUDITOR

The Empanelled Auditor on receiving Board recognition shall:

- (a) Conduct audit of the GSPCB allotted Organizations as per schedule provided
- (b) Identify opportunities and make recommendations for improvements in environmental performance of the Organization
- (c) Provide an objective, third-party report that meets GSPCB's requirements.
- (d) The auditor shall thoroughly ascertain about all the products/by products , ,manufactured by the Organization and its related processes& report to the GSPCB immediately by verifying excise registers, Invoices usage of raw materials and other production related documents, if there are any discrepancies
- (e) Provide the information required to develop an Environmental Management Plan (EMP) in the event of any significant findings of negative impacts to the environment
- (f) It shall be open to the auditors to make such recommendation as they may think fit for improvement of the existing environmental management system in the Organization audited, but such recommendation shall not bind the GSPCB in any manner. The recommendation of the GSPCB will be technically and scientifically assessed and the decision of the Board Chairman will be final and so intimated

- (g) Ensure high levels of integrity, sincerity and ethics shall be maintained and practiced by the auditors
- (h) Ascertain & report to GSPCB about the compliance made by Organization of the previous year's recommendations/observations of the auditor in the EARs.
- (i) Report about % reduction in steam/water consumption, mass balance (air, water and solid waste), power consumption & consumption of raw materials etc. carried out by the industries in its observations in the EARs compared to the previous year.
- (j) Pursue, emphasize and recommend about adoption of clean technology/cleaner production, waste segregation, waste minimization, waste reduction, waste exchange, reuse & recycling of effluents etc. & report the same in EARs.
- (k) Guide the industry if possible if any query is raised by the industry.
- (l) Ensuring review of timely closures of Non conformances (NCf) or Non Compliances(NCp) or Corrective Action Preventive Action Plans or related observations jointly with the Organization
- (m) Conduct audit in the audit period prescribed i.e financial year ending March and submit the EAR within 15 days of completion of the audit, and the last, no later than by the 30th of April every year.

II. ENVIRONMENTAL AUDIT REPORT SUBMISSION (EAR)

- (a) The EARs must include observations covering each of the seasons under audit, based on the analysis report of the Moef approved Laboratory or Board laboratory for effluents (air + waste water + Solid/hazardous waste + Noise + Weather data as case may be and other pollutants as auditor feels so, etc.) from all discharge points & submit all data of three observations in EARs, otherwise EARs shall be considered incomplete and can be rejected.
- (b) The auditor must prepare and submit the EAR of Organizations under audit within 15 days of completion of the audit.
- (c) The EAR shall be submitted to the Board with a copy marked to the Organization, which will be forwarded by GSPCB within 7 working days of receipt to the Organization to initiate necessary closure of Root Cause Analysis-Corrective and Preventive Action Plans.
- (d) The auditor must clearly report to the Board all critical findings about any inconsistency and malpractice being committed/practiced by the Organization as listed in Sr. 2 (e.g. dilution of effluents, illegal discharge, production without permission, by pass of untreated effluent or any other activities which are likely to create environmental pollution problems, & contrary to the directions issued through consent orders & other orders under the different Acts, by the Board) after every inspection within 24 hrs and important recommendations after every inspection as immediately as possible but not later than 3 days and submit Final EAR within 15 days of completion of the Audit.

III. CONTENT OF AUDIT REPORT

- (a) EAR's and its reported findings and conclusions should be :
 - Clear, timely, concise, easy to understand and objective;
 - provide a fair summary of all the relevant facts; and
 - demonstrate conformity with the related Environmental requirements
 - Properly analyzed and concluded, and
 - Supported by adequate, reliable, and fair audit evidence
- (b) The EAR should consist of :
 - (i) A title page clearly briefly Indicating AUDIT aim with Organization name

(ii) **Table of Contents**

(iii) Executive Summary comprising of:

- Description of the Organization Process and facilities (Main, ancillary (related) and Environmental control operations)
- Description of the environment
- Contractors and Activity Descriptions
- Summary of findings

(iv) Introduction comprising of :

- Audit Scope,
- Audit Objectives identified, and
- Audit Criteria identified
- Auditors and Auditees (Organization representatives who were key contacts for the audit and describe their roles and responsibilities with regard to the audit.)
- Reference Documents (include a list of documentation reviewed prior to the audit (e.g., Consents, Directions, previous EARs, environmental assessments, permits, complaints or any other reference deemed relevant.).)

(v) **Site Activity Report** comprising of

(aa) List of Organization Facilities

(ab) Developments if any

(ac) Assessments of internal controls

(ad) Assessments of Organizations Environmental Management Systems and Management Commitment

(ae) Typical Environmental Management Plan (that can be) evaluated as applicable

- Air Quality Control Plan
- Water Quality Control Plan (Waste and wastewater management)
- Waste Management Plan (Waste segregation, management and disposal ,Monitoring on pollution assessment and performance evaluation of pollution control devices made by the Auditors)
- Resources Control Plan (Material ,Production mass balance Energy, Fuels and equipment management)-

(Figures or production of products, by products, consumption of Resources like raw materials, figures regarding use of water, fuel consumption and other material utilization to maximize the yield with respect to National/International bench mark mentioned in the Format of Environmental Audit Reports prepared by Auditors.)

- Soil and Groundwater Contamination Control Plan (Land, water and groundwater management)
- Marine Ecology Control Plan
- Terrestrial Ecology Control Plan
- Process Material Handling Plan (Hazardous and Non Hazardous materials management)
- Noise and Vibration Control Plan (Noise engineering management)

- Traffic Management Plan (Vehicle and its distribution Management, Status of Pollution under Check(PUC's) permits)
- Erosion and Sediment Control Plan
- Other Environmental Program.

(af) (Gathering of)Audit evidence

(ag) Interviews with Personnel/ ground staff if any

(ah) Identification and assessments of Incidents and Complaints if any

(vi) Audit Findings of

- Environmental Management Systems and Management Commitment (Comments on the Organization's procedures for determining, setting, and communicating organization's environmental policies and objectives, as well as the overall commitment of senior management to meeting environmental requirements. Supported by evidence of efforts to monitor, measure, and report environmental performance.)
- Previous Audit Results (comments on the Organization's mechanisms to determine the root causes of any identified environmental concerns and on the effectiveness & sufficiency of the actions taken to correct such situations and prevent their recurrence. And should include the Management's support of the processes for implementing and tracking corrective and preventive actions)
- Non-conformances , Observations and Scope for Improvement (Tabulated based on priority based on degree of seriousness of environmental impact)
- Summary of Root Cause Analysis -Corrective Action- and Preventive Action Plan Status(This section should provide details on any new or previously identified corrective action(s) taken and/or planned in response to non-conformances and/or the observations and/or Scope for Improvement(s)identified, particularly those that have been repetitive or are ongoing issues at the site or facility. In particular, the Corrective Action Plan should include the detailed root cause analysis, type of any required corrective and preventive action, the current status (e.g. open, closed) of corrective and preventive action(s), the date of planned closure, and the date of actual closure and deviation from the committed target and the justification there off.)
- Incidents and Complaints
- Status of Environment Management Plans if any
- The EARs (Environment Audit Reports) shall be prepared and submitted by the auditors in Performa 1: EAR must be accompanied by efficacy & adequacy certificates in Performa 2 prescribed by GSPCB with duly signed acknowledgement by all the team members. If such reports will not be signed by all the team members then, the auditor will be derecognized and punitive action against the Auditor or industries/Project as listed in Sr. No. 2 will be taken, as the case may be.

(vii) **CONCLUSIONS AND RECOMMENDATIONS**

This section should include the conclusions of the audit with regard to

- The status of the conformity and compliance of the Organization's EMS with the Legal and/or other requirements, as well as
- The effectiveness of the Organization's EMS in meeting its environmental objectives.
- RCA-CAPA: the capability and commitment of the Organization management to resolve the issues identified.

- The auditor may propose to request Organization to adopt an Environment Management Plan (EMP) if issues are identified in the audit that are considered to be repetitive or are ongoing issues, or problems that present significant concern for environmental impact. The EMP is a Corrective Action Plan that must be submitted and approved by EAC and requires formal reporting of the resolution of the issues. Guidance regarding the requirements for developing an EMP should be provided by the Auditor to facilitate the Organization to achieve an effective solution
- The EAR should have recommendations to address any significant non-conformances or deficiencies, including allocating priorities for corrective action. Any recommendations should be specific and detailed enough to allow GSPCB and Organization management the ability to evaluate the feasibility and appropriateness of implementing the recommendation. Types of recommendations might include further investigation of an issue or implementation of emissions control technology or environmental pollution control best management practices. The emphasis of recommendations should be on removing the source of the problem rather than the use of command-and-control (or end-of-pipe) technology.

The recommendations should be brief and concise to allow Organization management to address the issue and GSPCB& EAC to assess adequate resolution of the same.

(viii) **Attach Annexures:**

- Audit evidence (records, procedures, photographs ,supporting documents etc.)
- Audit Protocol(Checklist) duly signed by the Auditing team
- Figures (if any)
- Graphs (if any)
- Tables (if any)
- Any other detail felt relevant

The above format is the bare minimum required to be included in the EAR and is open for further additions by the Auditor if felt necessary.

Note: Consult COINDS document of CPCB, BAT document of European union, USA EPA document or any other relevant document to develop to banch mark.

F. POST AUDIT ACTION

I. ACTION/DIRECTON BY THE BOARD

- (a) The BOARD on receiving the EAR from the Recognized Auditor will check status of compliance of the CAPA in the audited Organization , after the stipulated post Target dates and present the status to EAC for their necessary comments with Scientific and Technical comments if any
- (b) Organizations failure to submit compliance to the observations in the EAR with the requisite closures of Non Conformances, Non compliances, Root Cause Analysis-Corrective and Preventive Action Plan may lead to appropriate legal action by GSPCB which may also include disconnection of water/power supply to the industry including closure and or levy of Polluter Pay Penalty.
- (c) Where the Audit report of a particular industry industry/operation/process/activity indicates that the industry does not meet with the requirements as prescribed by or under the aforesaid statutory provisions and that the industry has not complied with terms and conditions of CTE/CTO and those contained in any general of special circular/ order of GSPCB, the industry shall be liable for appropriate directions which include direction of closure, after verification of the status of CAPA closures by stipulated dates.

II. ACCOUNTABILITY/LIABILITY OF THE AUDITORS/INDUSTRIES

- (a) If the information provided by the Organization is found to be incorrect or inaccurate the Organization shall be liable to be subjected to the appropriate direct direction.
- (b) The Auditor whose report is found to be incorrect or inaccurate of particular industry then that EAR shall be rejected and action against the auditor will be taken accordingly.
- (c) The Organization has the right to complain against the recognized environmental auditor if felt essential due to misdemeanour or malpractice. In such a case the Organization can register a written complaint against auditor to GSPCB within 15 days of the said grievance, with supporting evidence and due justification. Complaints against the actions or conduct of a certified auditor will be reviewed and investigated by EAC. The EAC will investigate and if validated or substantiated, the complaint may result in cancellation of recognition of the auditor s and blacklisting them. However, If the complaint is found to be without merit, the Organization will be appropriately penalized

III. APPEALS

- (a) Any person aggrieved by an order made by the Board under section 16 or section 17 may within thirty days from the date on which the order is communicated to him, prefer an appeal to Appellate Authority constituted under section 31 of Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981).
- (b) On receipt of an appeal preferred under sub-section (1), the Appellate Authority shall after giving the Appellant and Board an opportunity of being heard, dispose of the appeal as expeditiously as possible.

G. FORMAT FOR THE ENVIRONMENTAL AUDIT REPORT

(To be submitted in triplicate)

(Period from..... to)

To,

The Member secretary
Goa State Pollution Control Board
1ST floor, Dempo Tower
Patto Plaza Centre
Panjim-403001

A.	GENERAL	
1.	Name of the Industry/operation/process/activity	
2.	Location:	
3.	Registered office Address:	
4.	Month and year of establishment:	
5.	No. of workers employed:	
	Male	
	Female	
6.	No. of electrical connections with service numbers:	
	Total connected load	
	Electric consumption per tones of product manufactured:	
	Percentage enhancement in energy:	
	Saving as compared to previous year:	
7.	Number of D.G. Set and their capacity:	

8.	Name/Residential address of all Directors/Partners:	
9.	Telephone Nos: (Residential & Industrial)	
	Fax No:	
	E-mail of Industry:	
	E-mail Partners/Directors:	
10.	No. of shifts and timings:	
11.	Name & Address of the in charge of Environment/ /Safety Division/Cell/Unit:	
12.	No. of days during which production activities were in operation during the audit period covered:	
13.	Has the industry obtained ISO 9000/ISO 14000/ /OSHAS 18000/Any other EM accreditation/ /Certification	
14.	Whether the industry has adopted cleaner production/cleaner technology/CDM?	
B.	PRODUCT DETAILS	
1.	Name of products (s) & capacity yield/purity per day,	
2.	Efficiency of production (or production yield)	
3.	Name of all by products and its quantity per day:	
4.	Date of commencement of production for each product. Whether production is as per consented quantity:	
5.	All raw materials required per kg of the Products(s):	
6.	Whether the manufacturing process is continuous or batch wise:	
	Indicate the batch capacity:	
	If the process is in batch operation, no. of batches/month along with the duration of the completion of each batch:	
7.	Detailed manufacturing Process with schematic flow diagram:-	
	List of unit operation and processes and with all chemical reactions along with the time required (in hrs.) for	
(C)	WATER	
1.	The quantity of water consumed per day as per tones of product manufactured: (Attach water balance diagram)*over the last three years:	
2.	The quantity of waste water (trade effluent) generated per tones of each product per day, as well as per batch*over the last three years.	
3.	The particulars of effluent treatment plant (Attach separate sheets)	
	Name and size of each unit	
	Capacity of ETP	

	Flow diagram and Hydraulic diagram, of ETP to be submitted:	
	Whether lighting arrangement around ETP is provided:	
	Whether separate energy meter is installed for effluent treatment plant. If Yes -readings of the meter for consumption every month:	
	Calibration status and validity of energy meter	
	Whether flow meters are provided at the inlet and outlet of ETP. Please indicate the type of the flow meter and calibration status if valid	
4.	The method of disposal of final treated effluent and the point of disposal (please attach sketch): Is it in line with the valid Consent Requirements ?	
5.	The quantity of trade effluent at the inlet and outlet of ETP and at various stages of treatment (Attach separate sheets):	
6.	The quantity and quality of sewage and its method of treatment and disposal (Attach separate sheets):	
	a) As per norms:	
	b) Total pollution load*:	
7.	The open area available for disposal of the effluent	
8.	Whether the quality of treated effluent meets the specified norms:	
	If no, the extent of deviation and reason thereof:	
9.	Improvement in effluent quality and quantity since previous environmental audit based on performance evaluation of effluent management system:	
	If yes, provide details (Attach separate sheets):	
10.	Retrofitting undertaking to improve performance of ETP:	
	If yes, provide details:	
11.	Major problems encountered during operation of effluent treatment facilities, if any and reasons thereof:	
12.	The details about the Operator/Chemist responsible for operation and maintenance of effluent treatment plant:	
	Name of the operators/employees:	
	Qualification & Experience of each Operator/employee whether trained in such operation or not:	
	Salary of operators/employees.	
	Operator using PPE, pls specify type	
	Maintenance and downtime Register maintained and updated, Response time for rectification	
13	The current status of consent under the Water Act-1974:	

D.	AIR	
1.	No. of the flue gas stacks, their height (from ground level) nature and consumption of fuel:	
2.	The details pertaining to the stack monitoring facilities:	
3.	Number of process stacks, their height (from ground level) source, expected pollutants and the details pertaining to the provisions of stack monitoring facilities:	
4.	The quality of emission from each flue gas stack and the process stack and the extent of deviation from them:	
	Pollution Load determination	
5.	The ambient air quality within the factory premises, along with the number of ambient air quality monitoring stations outside the industry:	
6.	The status of consent under the Air Act-1981:	
7.	The details of air pollution control measures for all process and flue gas stacks	
8.	Improvement in emission quality since previous environmental audit based on performance evaluation of air pollution management system:	
	If yes, Provide details. (Attach separate sheets):	
9.	Retrofitting undertaken to improve emission quality. If yes ,provide details:	
10.	Major problems encountered during operation of control device, if any and reasons there of:	
11.	equipment status	
* Whether production is as per consented quantity		
NOTE: Total pollution load each for air, water and hazardous waste should have mentioned along with the quality of effluent, emission or solid waste as the case maybe. Whether measures taken for reduction of pollution load.		
E.	HAZARDOUS (SOLID) WASTE	
1.	The quantity, sources and composition of hazardous waste/solid waste from each process/sources over the last three years. (Total sludge generation per tonne of product):	
2.	(a) The method of storage, treatment and disposal of hazardous/solid waste:	
	The details should include area of storage and disposal and whether storage and disposal system is covered and made impervious (pucca):	
	The quantity of Hazardous waste sent to TSDF.	
	Please also indicate how the quantity of hazardous/solid shall be reduced in next three months:	
	(b) The data/information about leachate generation, quantity and characteristics and treatment facility	

3.	The status of authorization under the EPA-86 for solid waste	
4.	Plan, if any to reduce hazardous waste generation or its recycling.	
F.	SITE PLAN	
1.	The site plan showing the location of effluent treatment plant, final point of disposal of effluent, sampling point, drainage line, stacks, solid waste storage, disposal area and green belt (its width).	
(G)	RESOURCE RECOVERY	
1.	The details regarding resource recovery including treated effluent for recycle/reuse from environmental pollution control system including effluent treatment plant:	
	The details regarding resource recovery/by product recovery from manufacturing process by using cleaner production technology:	
	Energy/Fuel consumption/unit production	

(H)	ACCIDENTS				
1.	The details of accidents in the factory if any and remedial measures taken				
(I)	SAFETY MEASURES				
1.	General Environment of the factory. Please tick (√) the appropriate column				
a.	Housekeeping	Good	Fair	Poor	
b.	Dustiness	High	Medium	Low	
c.	Lighting	Good	Fair	Poor	
d.	Ventilation	Good	Fair	Poor	
2.	Whether the following personal protective equipment PPC are provided to all the workforce (employees & Contract Workers)				
			Is yes, How many?		
	Goggles	Yes / No (utilization level)			
	Gloves	Yes / No (utilization level)			
	Gumboot	Yes / No (utilization level)			
	Helmet	Yes / No (utilization level)			
	Skin cream	Yes / No (utilization level)			
	Soap	Yes / No (utilization level)			
	Ear plug	Yes / No (utilization level)			
	Face masks	Yes / No (utilization level)			
	Clothing	Yes / No (utilization level)			
3.	The details of facilities for disaster management/gas leakage.				
4.	Whether on site/off site emergency plans are prepared and are being implemented/upgraded regularly; please give details				

5.	Whether records of occupational hazards are maintained?	
6.	Health checks conducted?	
7.	Preventive measures adopted to minimize occupational hazard.	
8.	Compliance with work exposure	
9.	Noise level status	
(J)	REMEDIAL MEASURES	
1.	The details of sources; monitoring and measures taken for control of noise pollution in and around the industrial premises:	
2.	The measures taken for prevention treatment and control of odour nuisance in and around the industrial premises:	
3.	The details in respect of cases/complaints under the Water Act-1974, the Air Act-1981 and the Environment (P) Act, 1986:	
4.	The compliance report with respect to all the conditions of NOC/Consent (Under all the Acts):	
5.	Incidents of spillages, leakages etc. and remedial measures thereof	
6.	Whether insurance policy obtained under PLI Act. Yes/No	
(K)	WATER CESS	
1.	The details regarding payment of the Water cess for the previous and current year:	
(L)	The name and address of the Consultant engaged by the Company/Industry	

Note, if No, reason thereof

<p>It is hereby declared that all the information submitted in and with respect to this format correct and we will be responsible for any lapse regarding incorrect or incomplete information.</p> <p>The Root Cause Analysis along with CAPA is attached here with.</p>					
A.			B.		
Name and signature of the responsible persons industry/organization/Institute/CETP/TSDf with the stamp			Name and signature of all the members of the Audit Team		
Sr.	Name	Sign	Sr.	Name	Sign

H. ADEQUACY CERTIFICATE OF ORGANISATION'S ENVIRONMENTAL MANAGEMENT SYSTEM

Mr./Mrs./M/s. _____ of _____ is recognized by the Goa State Pollution Control Board vide order No. _____ dated _____ as an Environmental Auditor for the purpose of the auditing, having carried Environmental audit of:

M/s _____

Located at _____

Manufacturing products:

Product (s) _____

Capacity _____

Having completed the environmental audit based on personal monitoring, and audit report, prepared as per the notification via order no. _____ dated. _____. It is certified that the Environmental Management System (EMS) provided by this industry for the products manufactured and capacity as stated above is * _____ to achieve the quality of effluents (Air + Waste Water + Solid Waste) as specified in Consent/Notifications by GSPCB, Panjim for the following quantity of waste generation:

Liquid effluent	_____ m ³ /day
Solid/Hazardous waste	_____ m ³ /day
Air emissions (flue gas stacks as well as process stacks)	Adequate/Not adequate. Efficacious/Not efficacious (pl. strike which is not applicable)

This certificate is valid for the Audit report only. However, it is subject to automatic cancellation in case of any change in product profile/capacity, quality and quantity of effluent emission (Air + Waste Water + Solid/Hazardous) and efficiency of EMS equipments.

This Certificate forms part of Environmental Audit Report

Name and address of the Environmental Auditor

Signature of the Environmental Auditor

Date:

Place:

*here write, whether adequate and efficient or inadequate and inefficient as applicable**I. CERTIFICATE FOR SAMPLING AND ANALYSIS**

This is to certify that the following samples of emissions (air, water, waste water, solid and hazardous wastes) have been collected and analysed as per the following details:

Sample details	Sampling location	Collected by	Sample collection		Method of sample collection	Std. Analysis method
			Date	Time		

1.	Parameters analysed on site	
2.	Parameters analysed off site	
3.	Whether samples were preserved as per standard procedure for offsite analysis: Yes/No	
4.	Parameters analysed by auditors team:	

5.	Parameters analysed by third party:	
	Name & Address of laboratory:	
	Whether the laboratory is classified under Schedule I of the GSPCB	
6.	Method followed for analysis:	
	Air emission :	
	Water/Waste Water :	
	Solid Waste :	
	Hazardous Waste:	

This is to certify that the third party laboratory in which the analysis has been done is approved under EPA/Accredited by NABL/recognised under GSPCB.

Name and address of the Laboratory

Signature of Authorised Signatory of the Laboratory

SCHEDULE III

BUDGET AND ACCOUNT HEADS

[See rule 27(3)]

ADMINISTRATION

Head of Accounts (Expenditure)

1. Salaries
2. Wages
3. Travel Expenses
4. Office Expenses
 - (a) Furniture
 - (b) Postage
 - (c) Office Machine/Equipment
 - (d) Liveries
 - (e) Telephones
 - (f) Electricity and Water Charges
 - (g) Stationary
 - (h) Printing
 - (i) Staff car and other vehicles
 - (j) Other items
5. Fee and Honoraria
6. Payment for professional and special services
7. Rents, rates and Taxes/Royalty
8. Publication
9. Advertising, Sales and Publicity Expenses
10. Grants in aid/Contribution/Subsidies
11. Hospitality Expenses/Sumptuary/Subsides
12. Pensions/Gratuities

13. Write off/Losses
14. Suspenses
15. Expenses in connection with the setting up and maintenance of the Board Laboratory.
16. Other charges (A residuary head, this will also include rewards and prizes)

Head of Accounts (Receipts)

1. Payments by Government
2. Fees
3. Fines and other Receipts.

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Printed and Published by the Director, Printing & Stationery,
Government Printing Press,
Mahatma Gandhi Road, Panaji-Goa 403 001.

PRICE – Rs. 103.00

PRINTED AT THE GOVERNMENT PRINTING PRESS, PANAJI-GOA—311/150—12/2021.